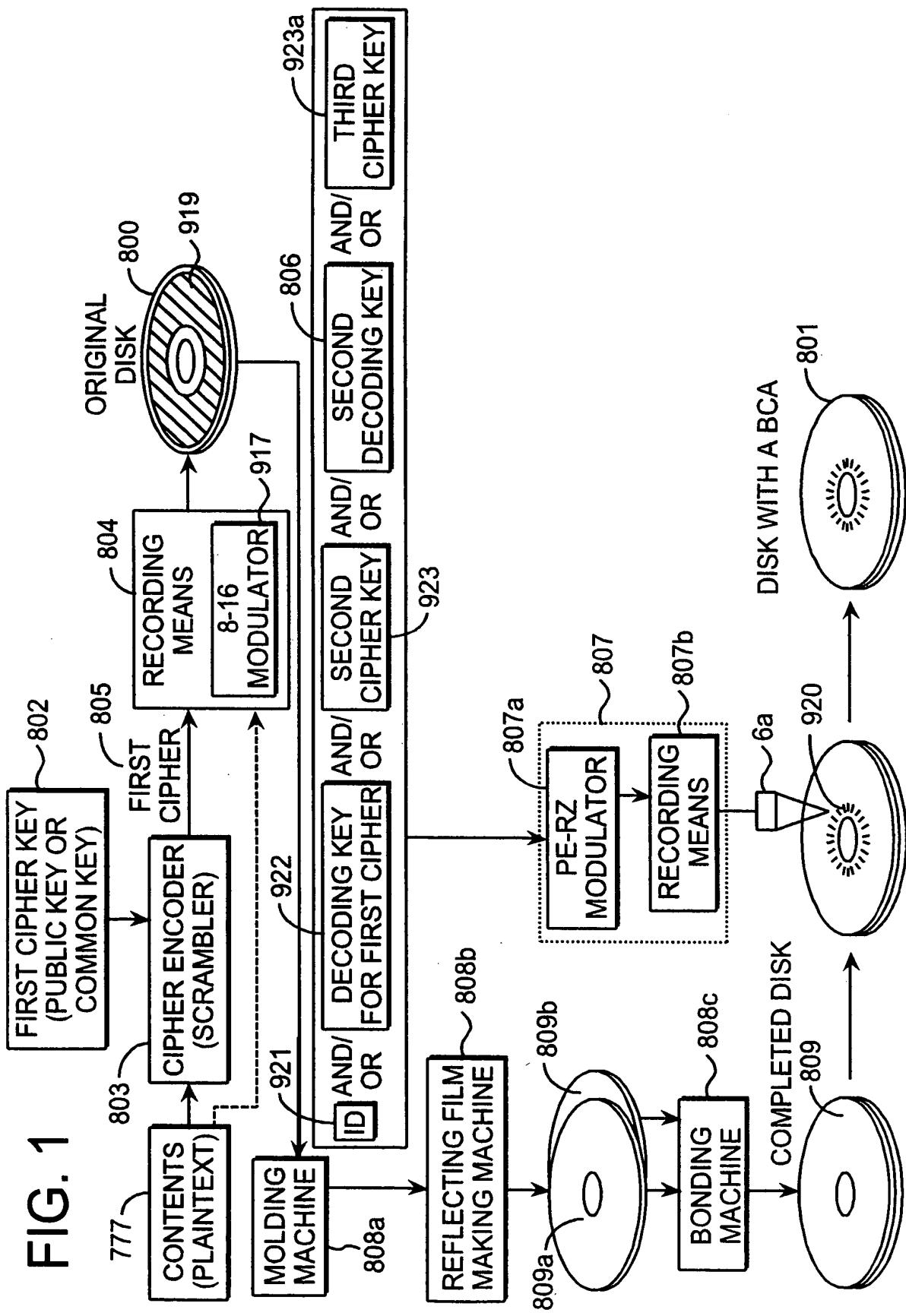
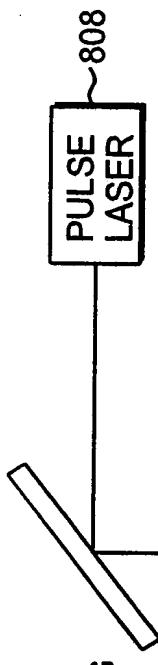


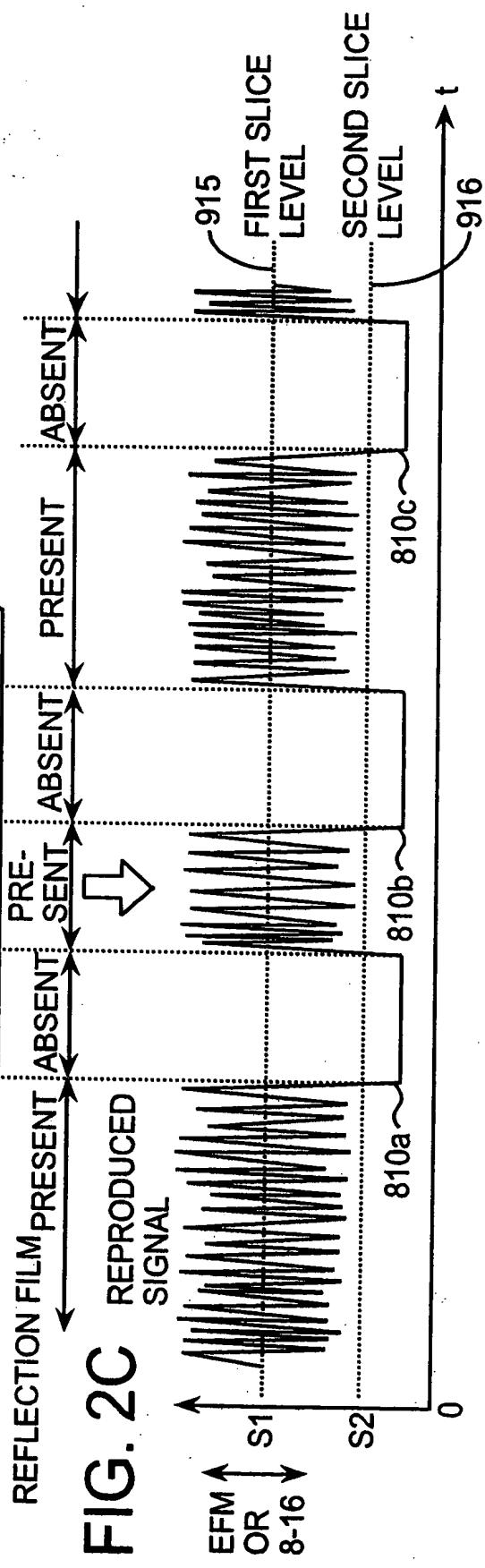
FIG. 1



**FIG. 2A** BCA RECORDING  
WITH A LASER

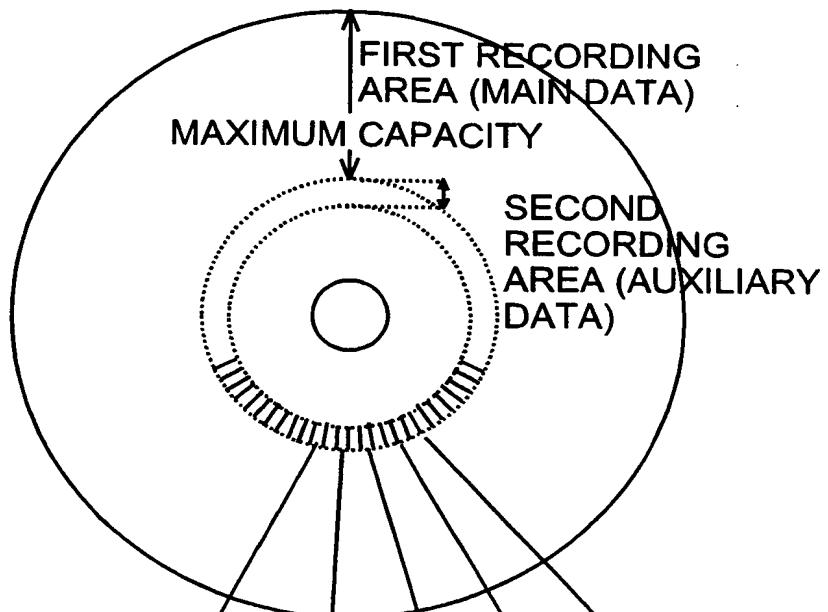


**FIG. 2B** AFTER BCA  
RECORDING



**FIG. 3A**

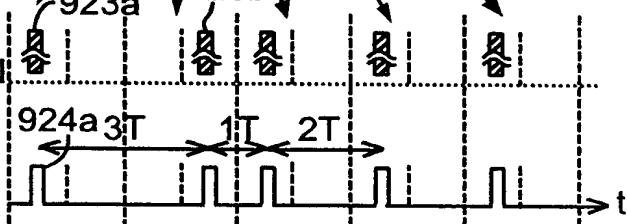
TOP PLAN



**FIG. 3B**

BAR CODE  
PE MODULATION  
RECORDED SIGNAL

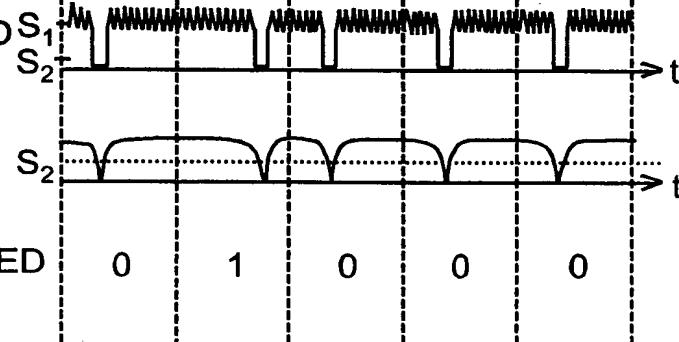
**FIG. 3C** RECORDED  
SIGNAL



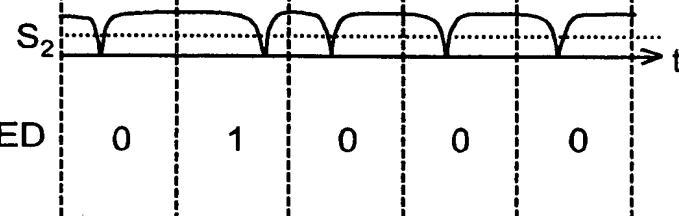
**FIG. 3D** RECORDED  
DATA

REPRODUCED SIGNAL

**FIG. 3E** REPRODUCED  
SIGNAL



**FIG. 3F** FILTERED



**FIG. 3G** REPRODUCED  
DATA

**FIG. 4A**

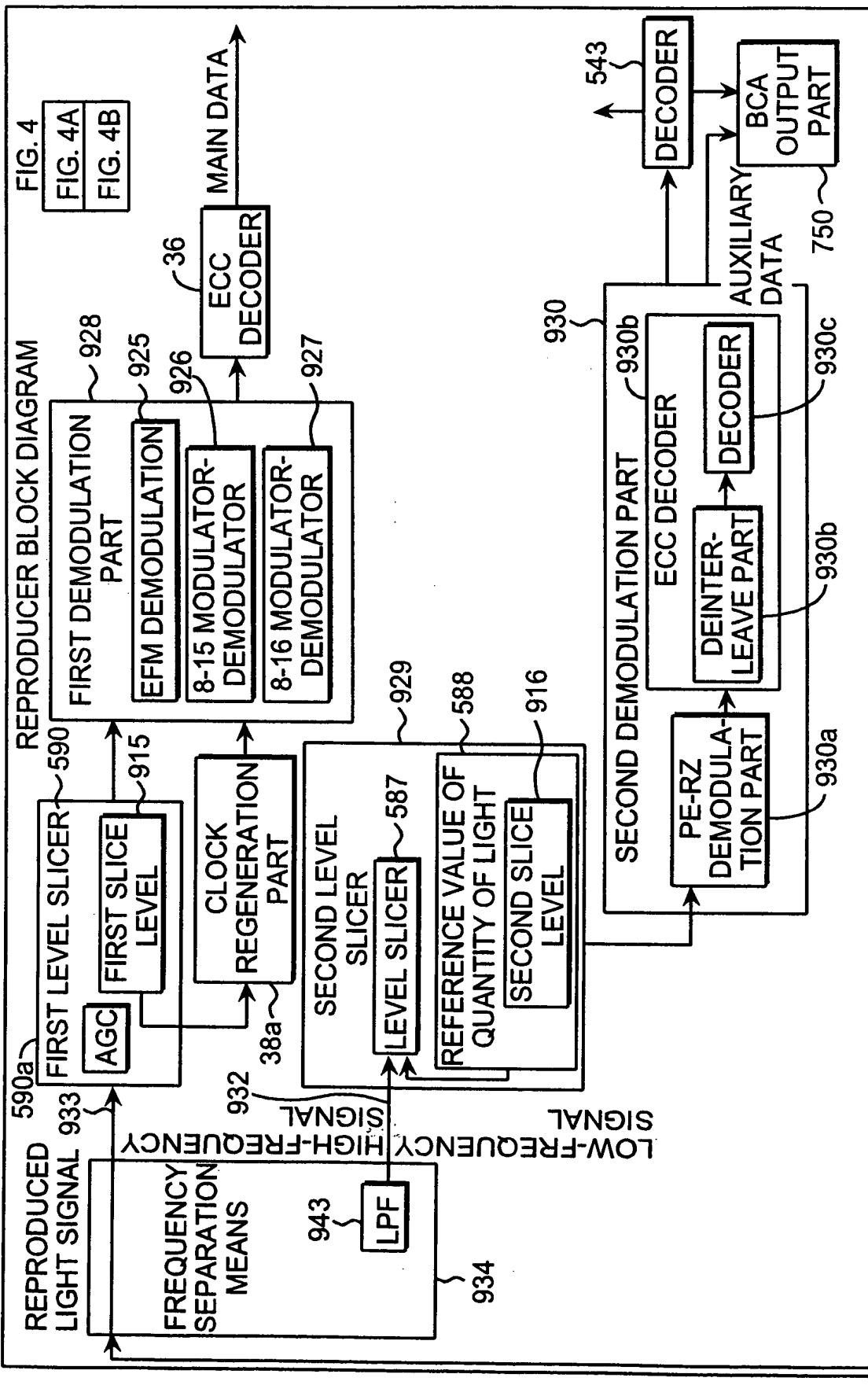
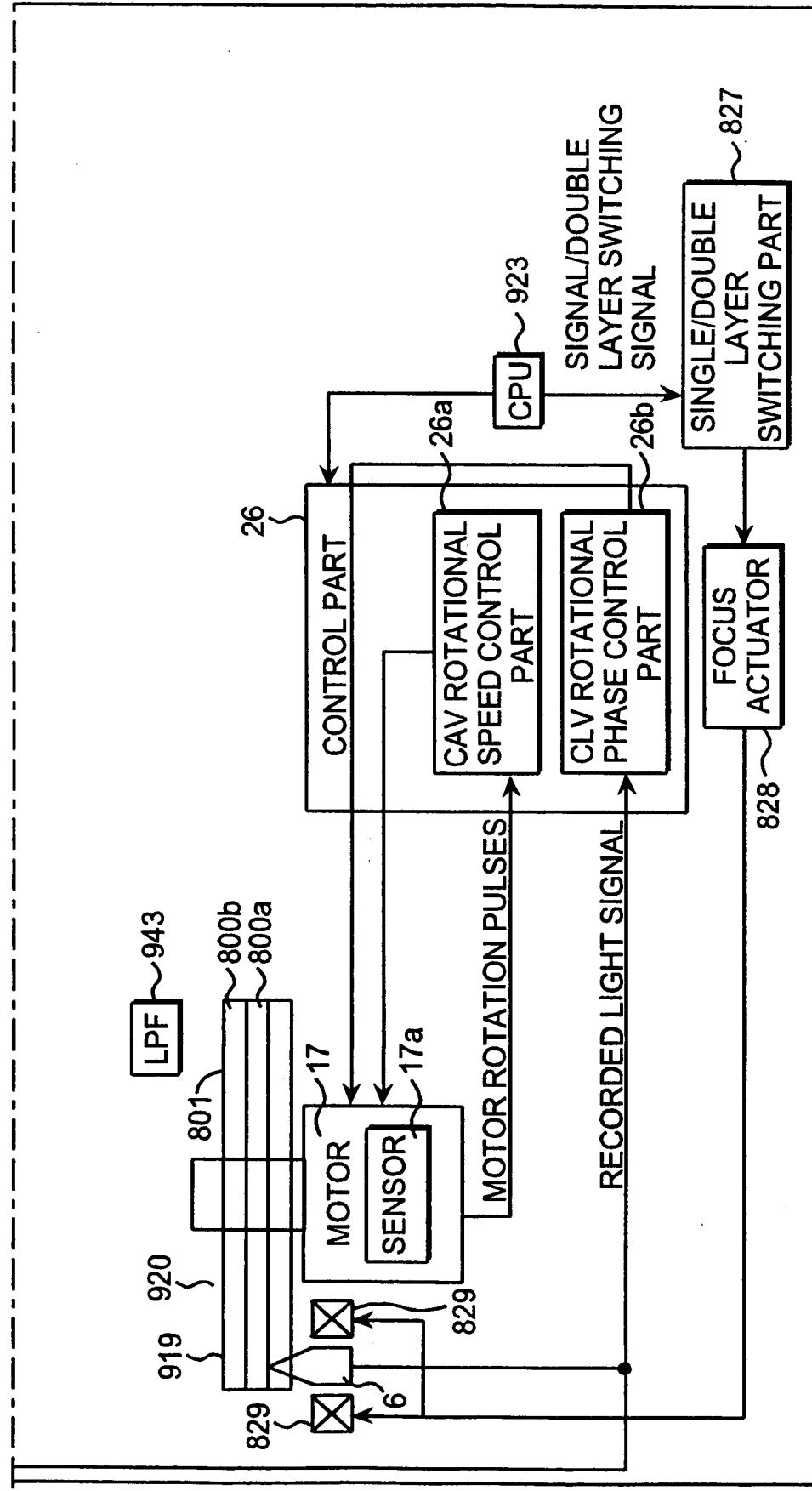
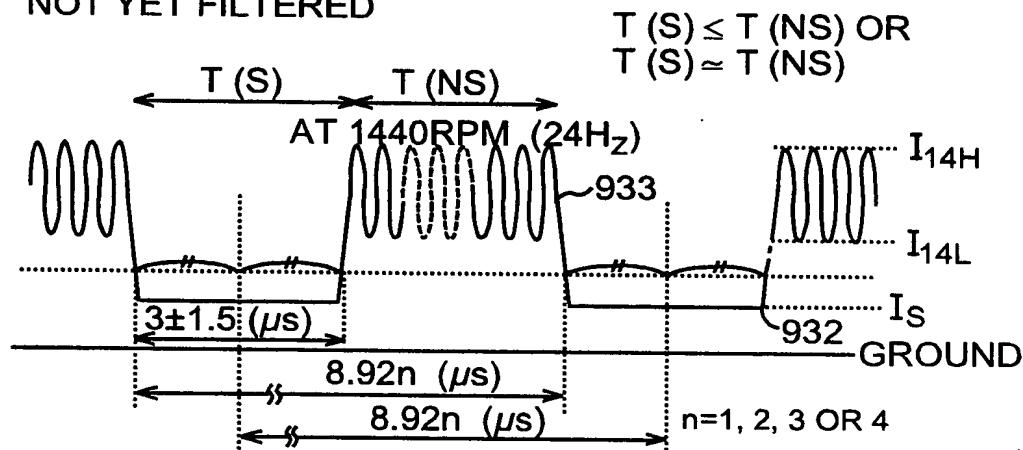


FIG. 4B



# FIG. 5A

WAVEFORM OF REPRODUCED SIGNAL  
NOT YET FILTERED



RULE OF REFLECTANCE  $I_s / I_{14H} \leq 0.1$

# FIG. 5B

SLIT DIMENSION ACCURACY (PRECISION)  
(AT  $r=22.2\text{mm}$ )

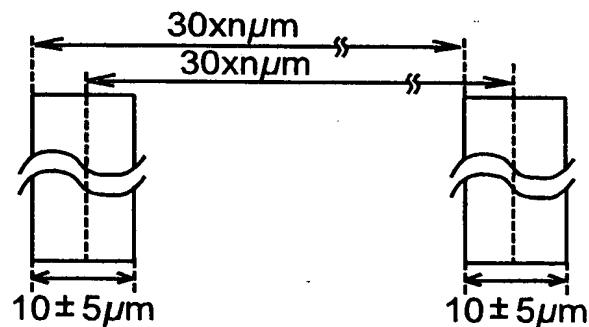


FIG. 6A

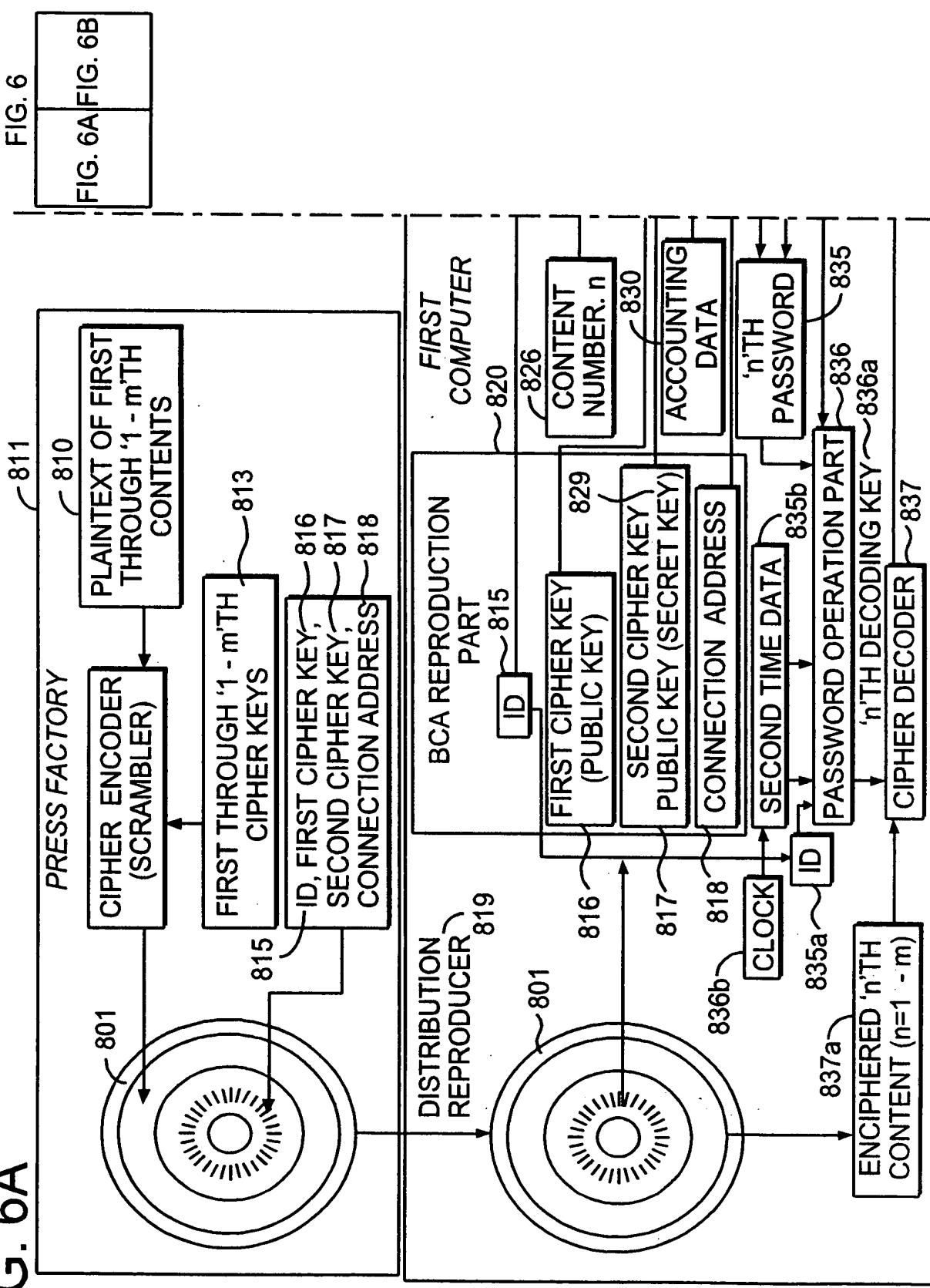


FIG. 6B

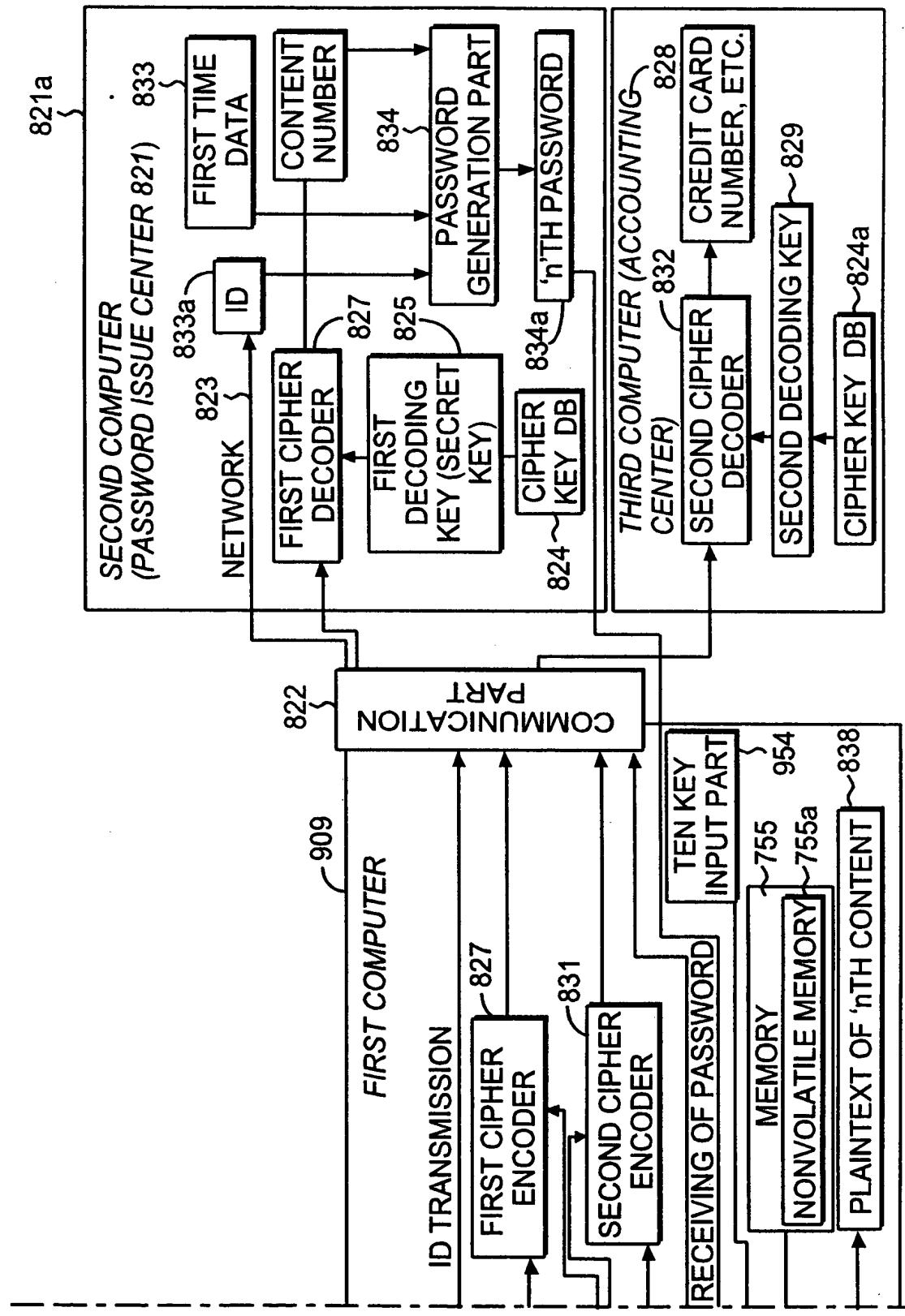


FIG.  
7A

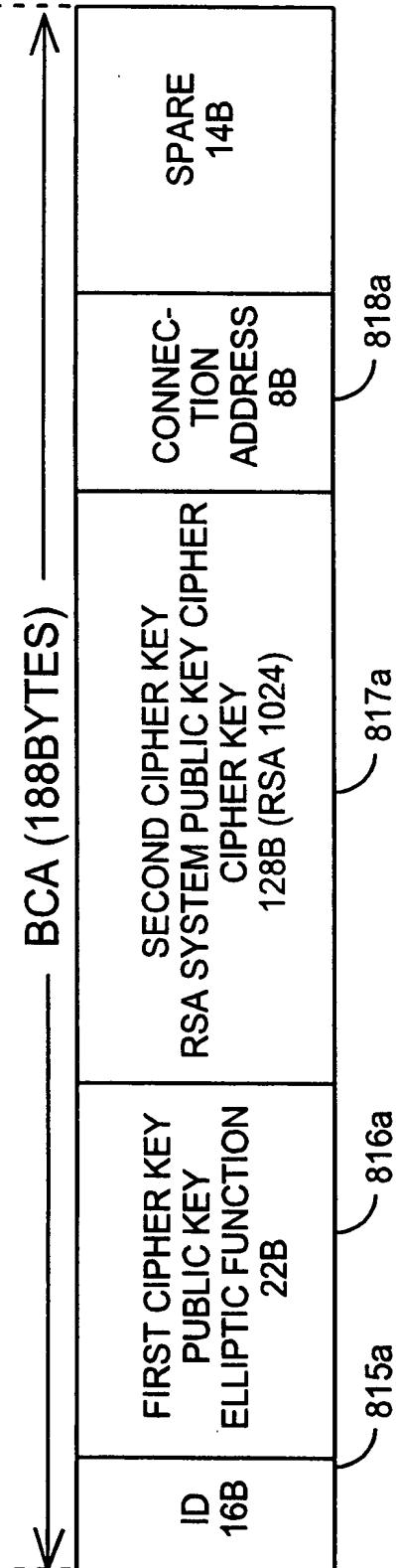


FIG.  
7B

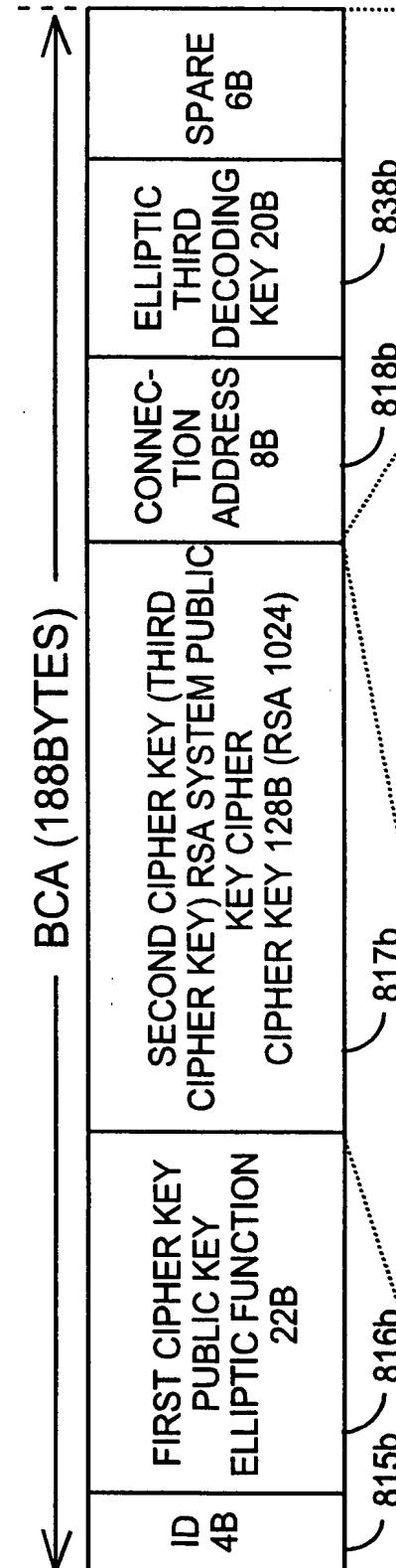
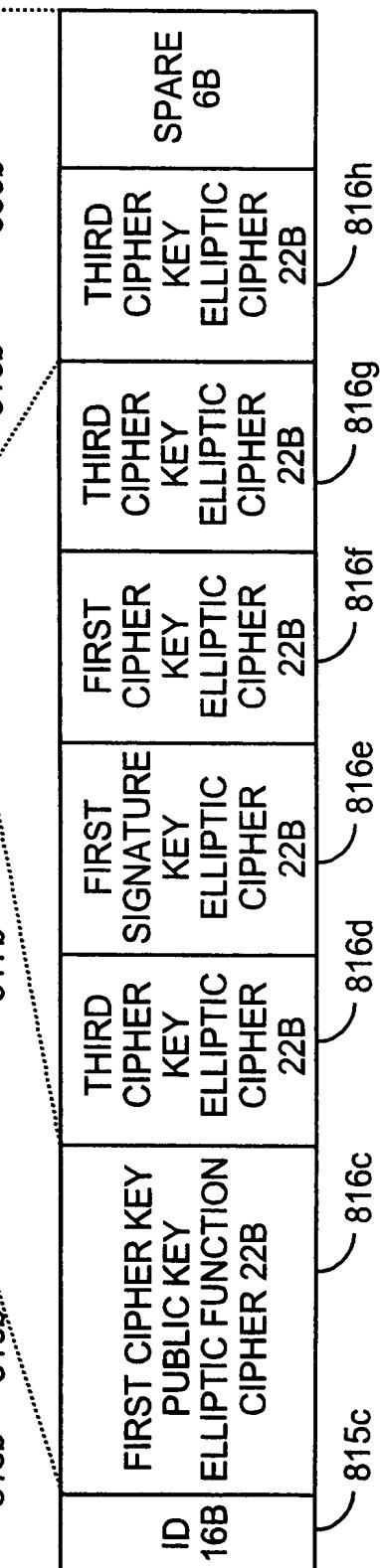


FIG.  
7C



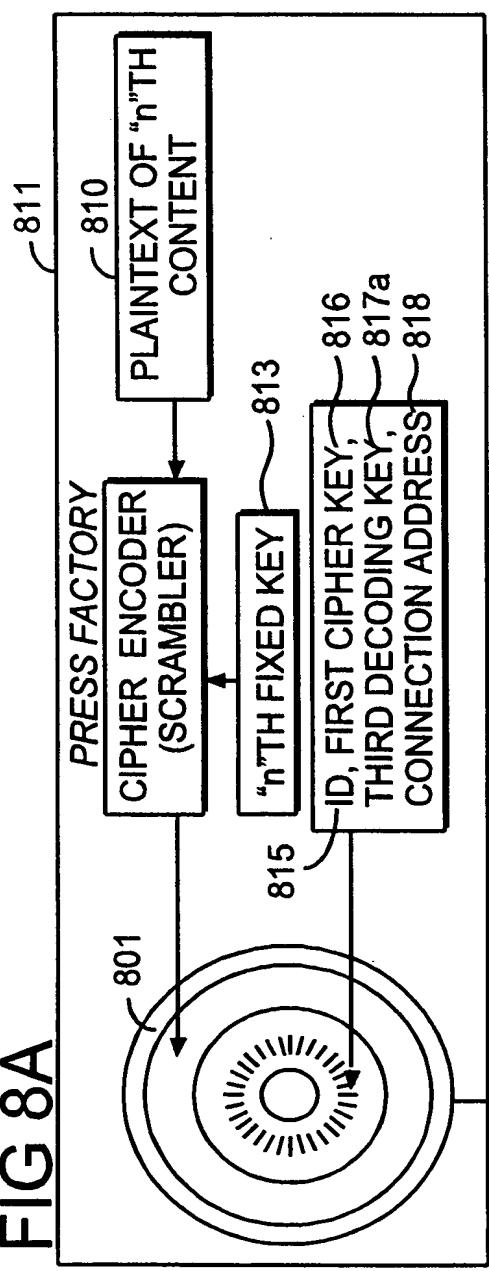
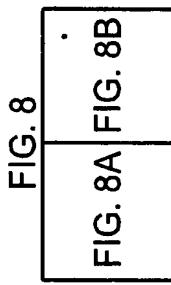
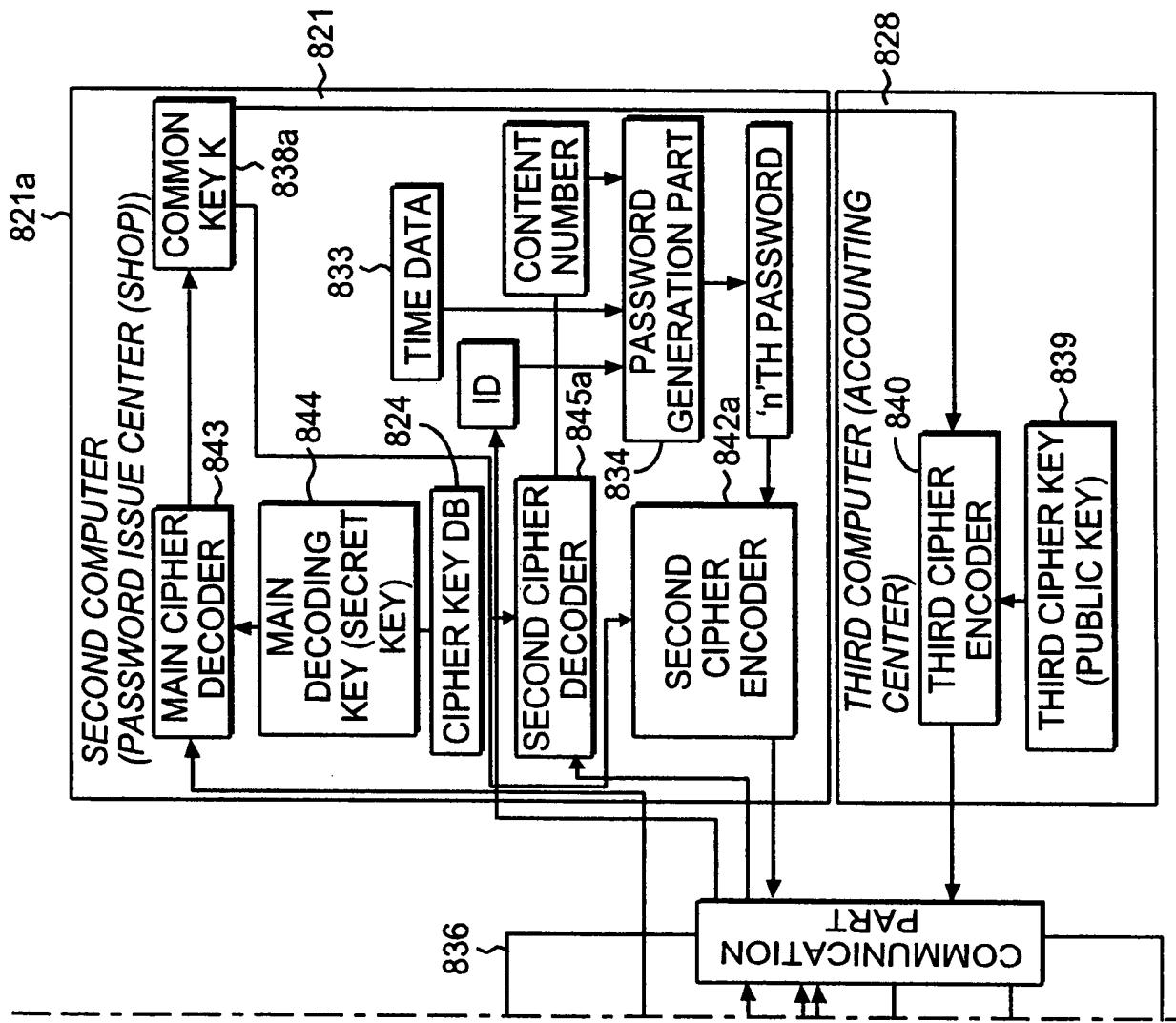
**FIG 8A****FIG. 8**

FIG 8B

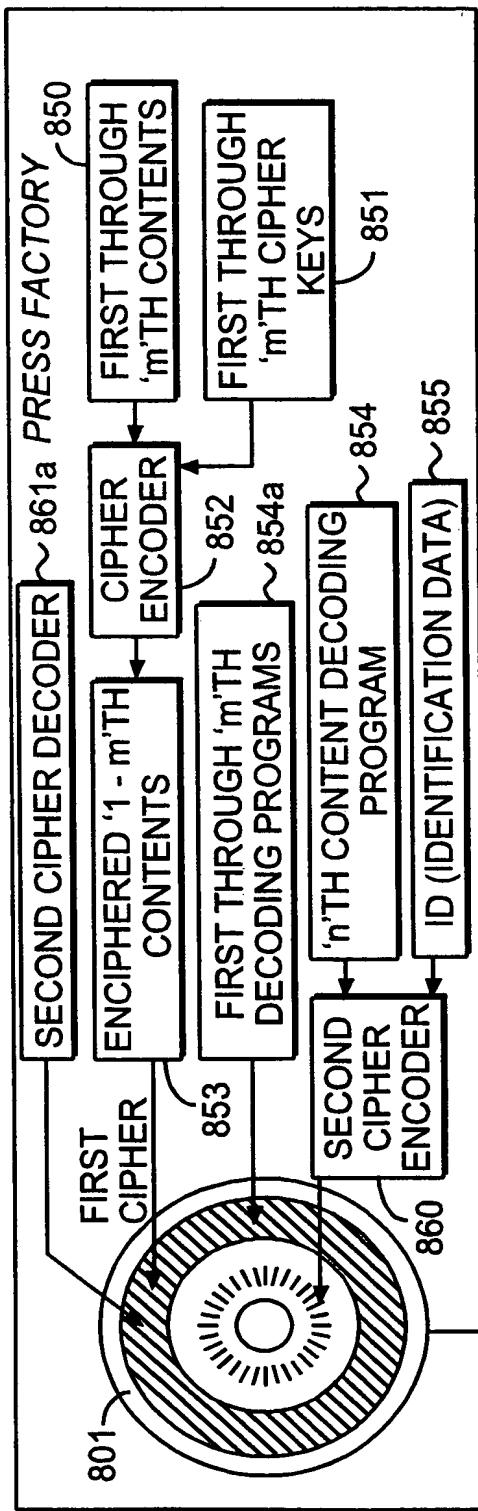


**FIG. 9A**

**FIG. 9**

**FIG. 9A**

**FIG. 9B**



**FIG. 9B**

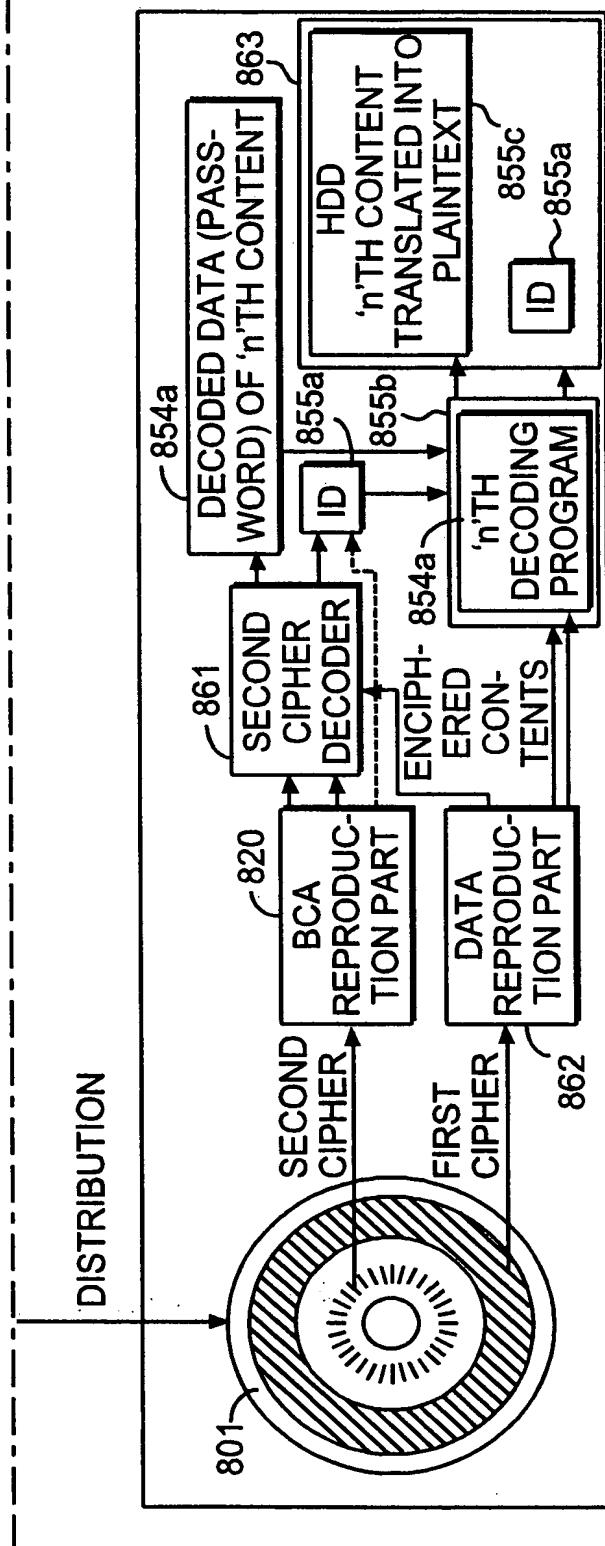


FIG. 10

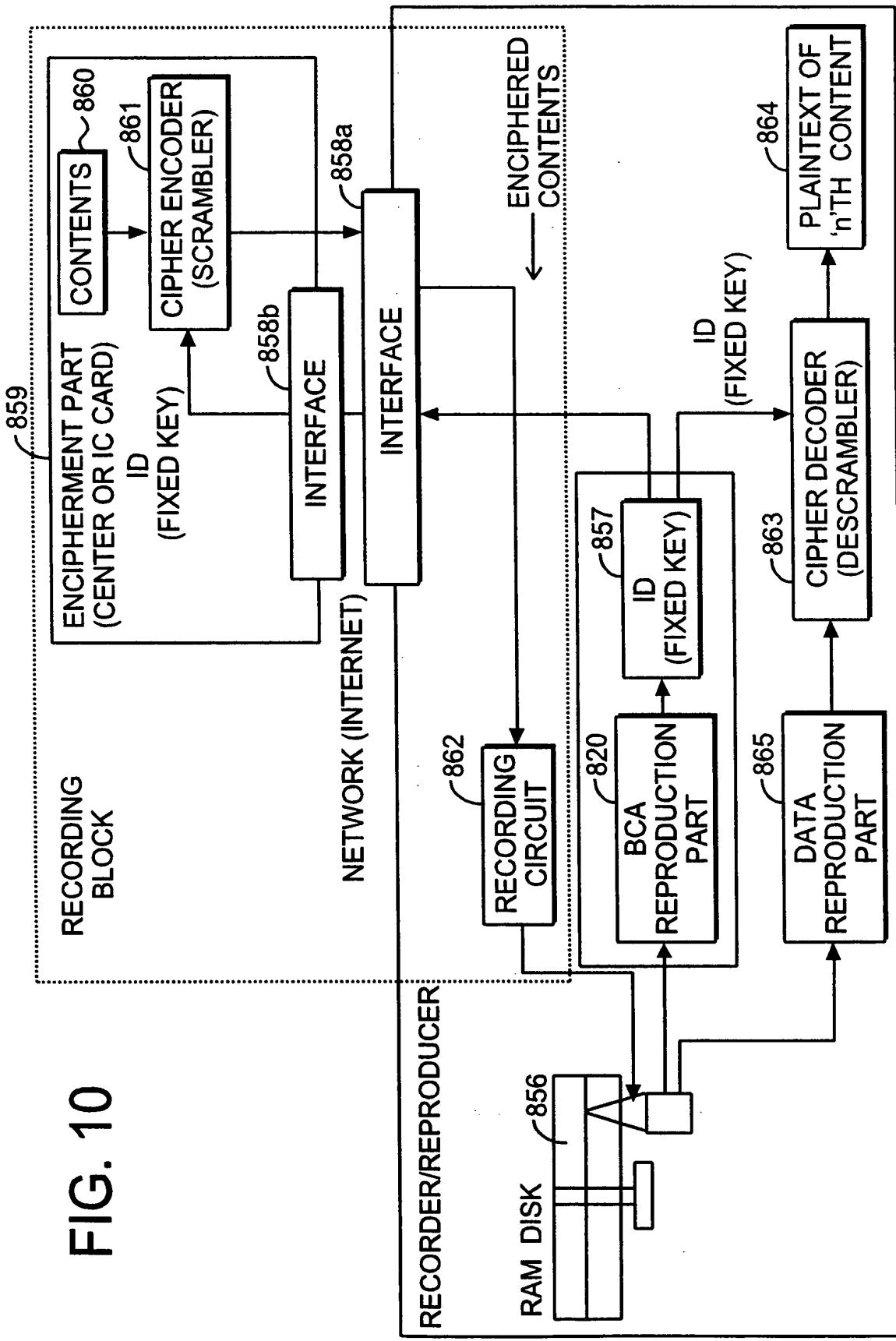


FIG. 11

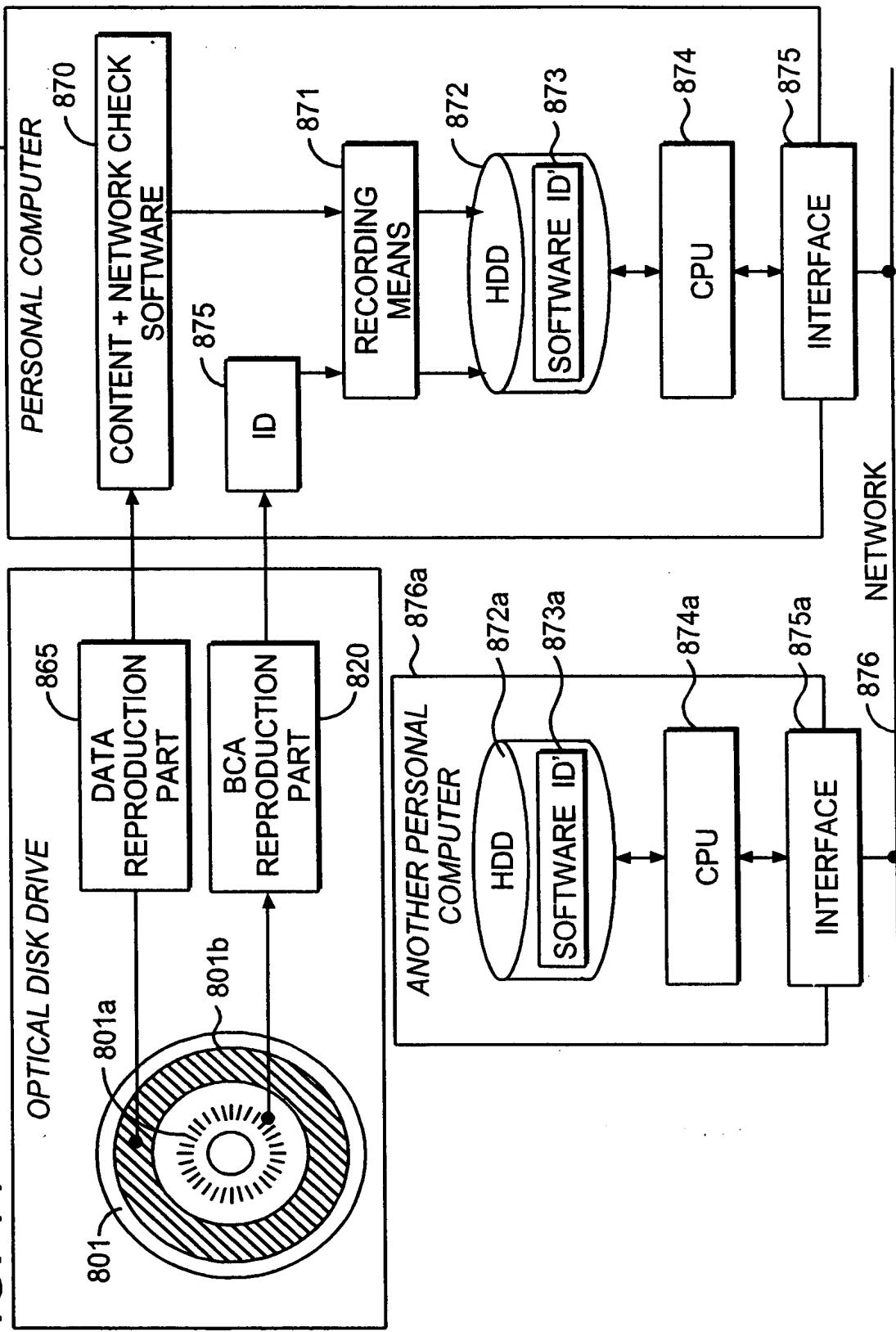


FIG. 12

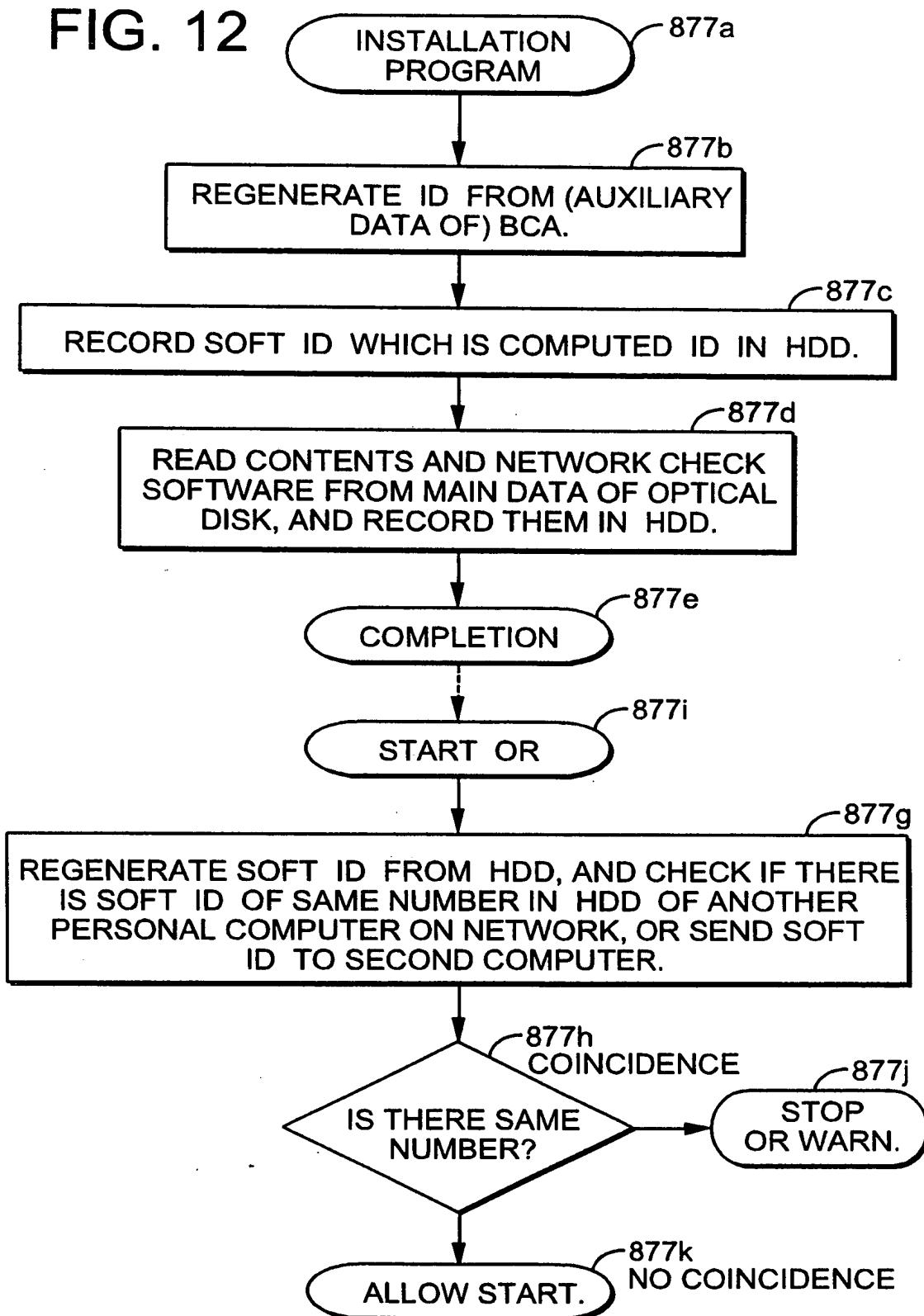


FIG. 13A

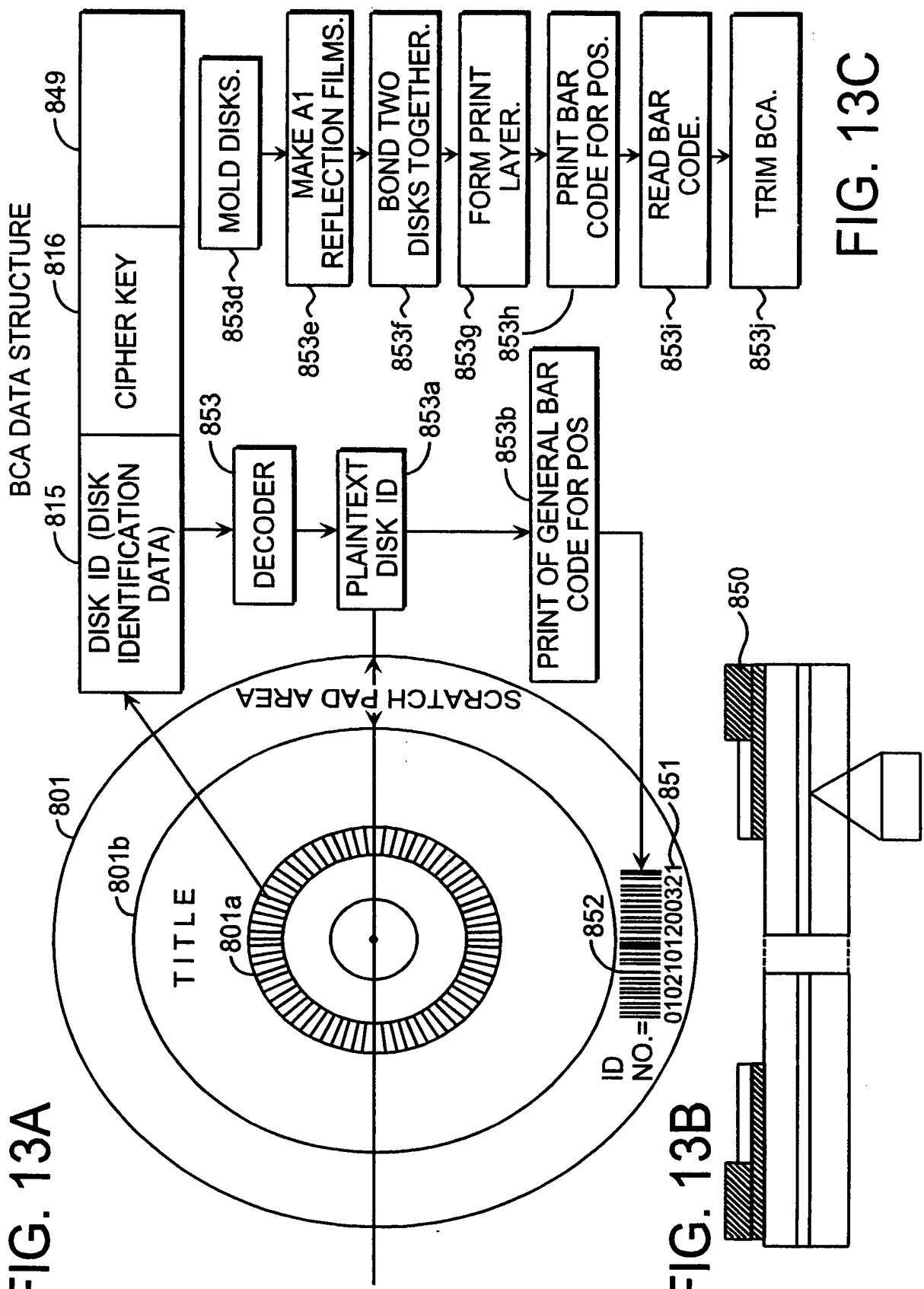


FIG. 13B

FIG. 13C

**FIG. 14A**

ROM DISK

NOT  
REPRODUCED

FIG.14  
FIG.14A FIG.14B

SELLING/RENTAL STORE

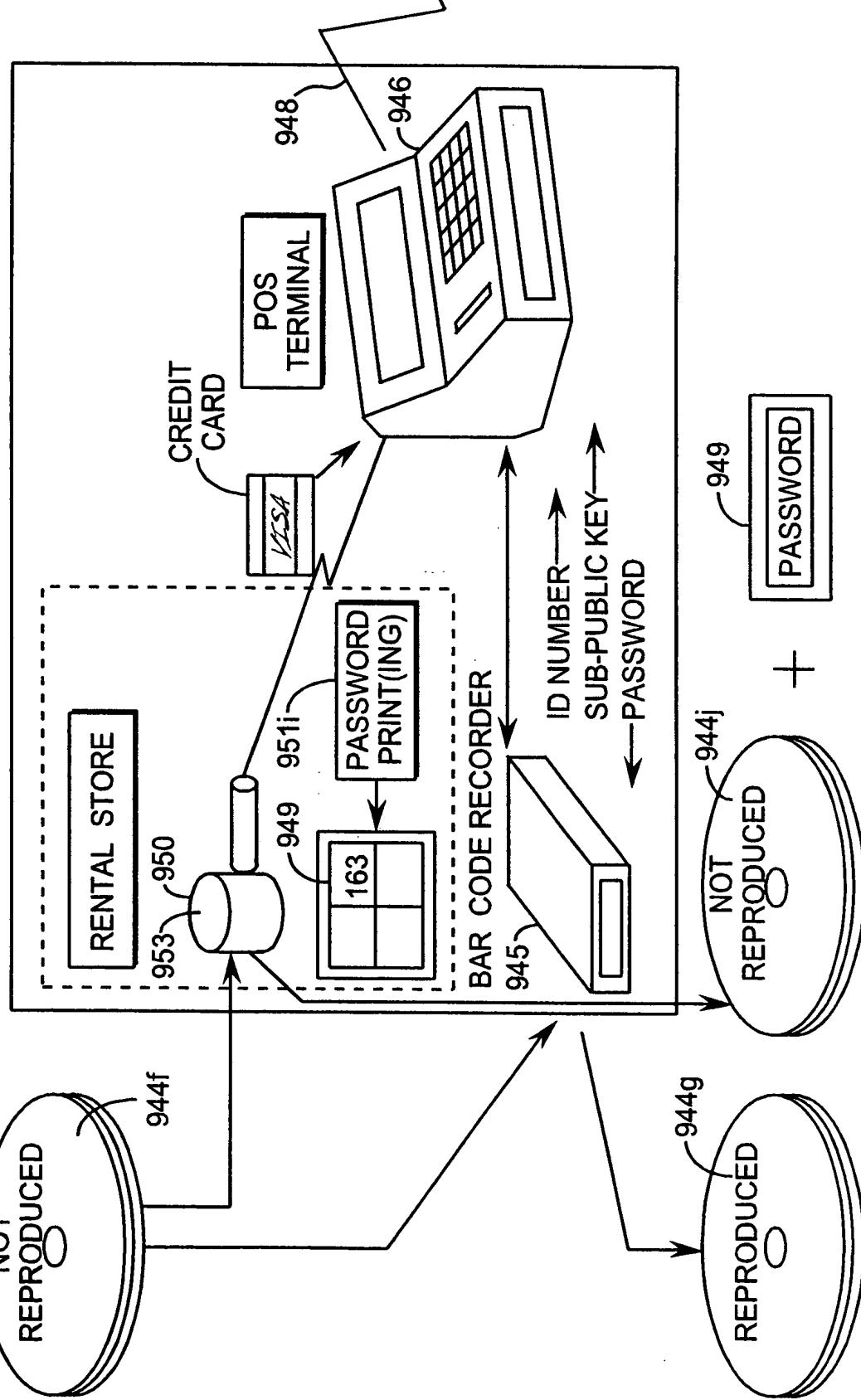


FIG. 14B

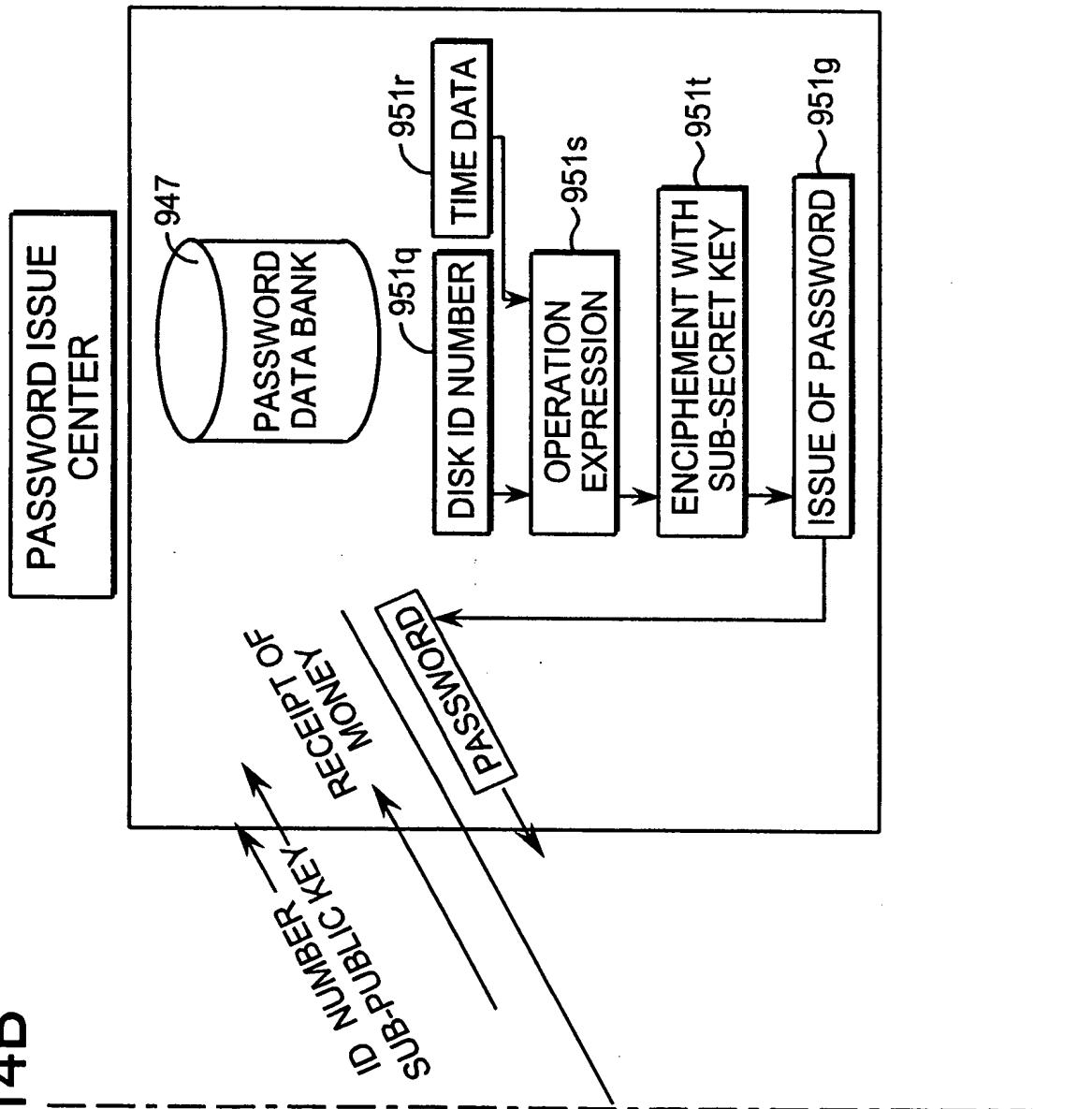
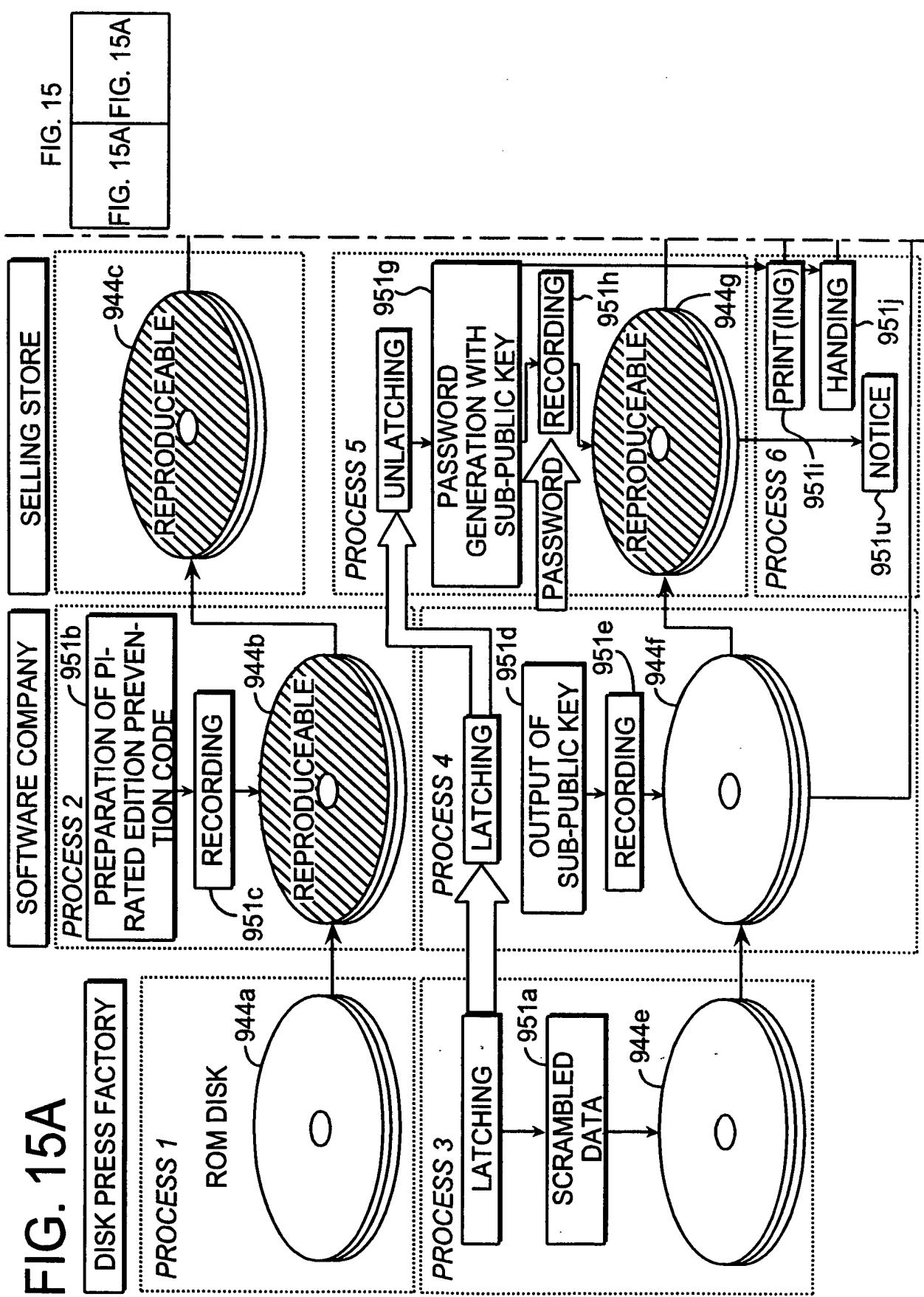


FIG. 15A



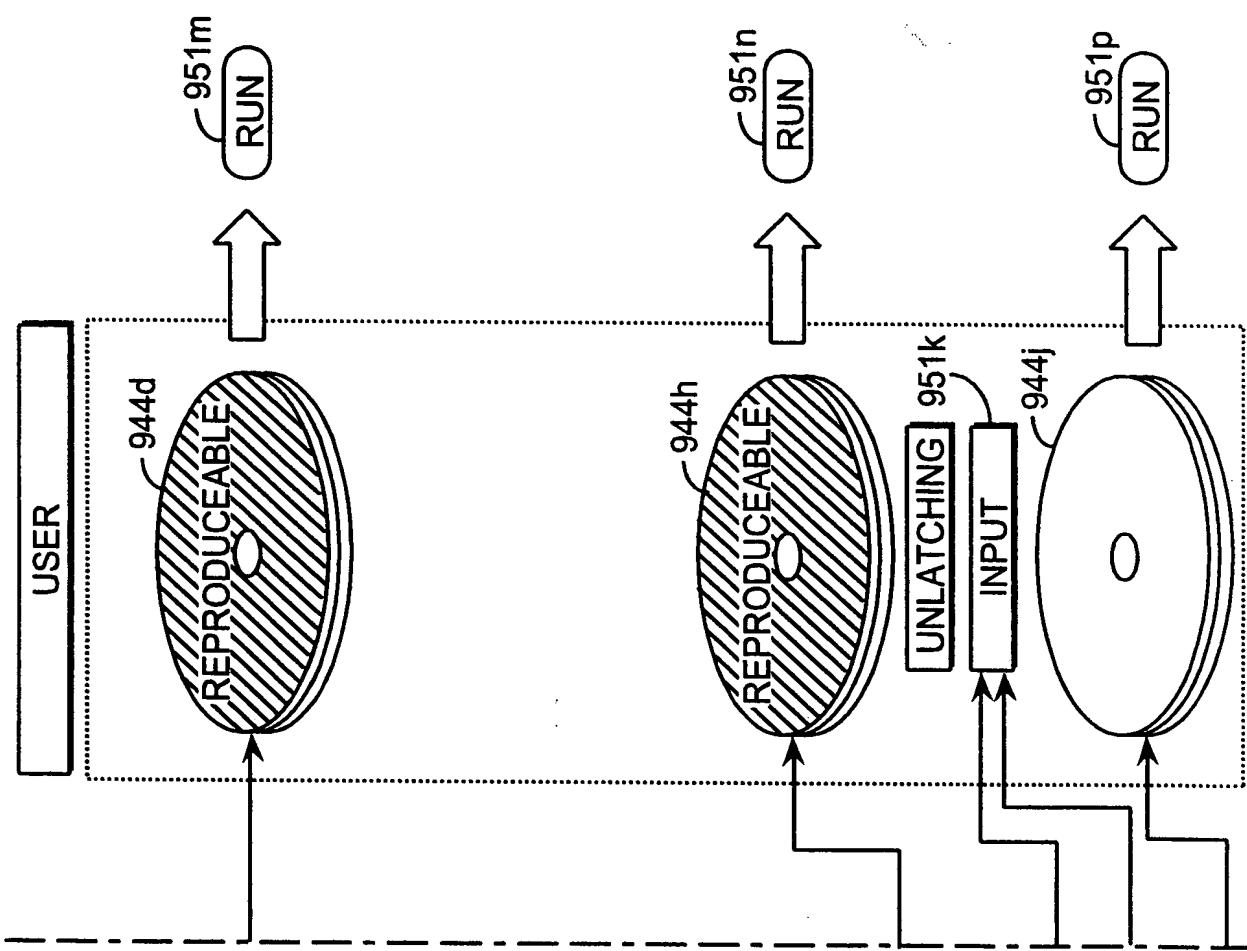


FIG. 15B

FIG. 16

METHOD OF DECODING CIPHER DATA

865

DISTRIBUTION OF CIPHER DATA AND INDIVIDUAL IDs TO USERS

RECORD, IN ROM AREA OF ONE ORIGINAL DISK, NUMBER 'M' OF DATA ENCIPHERED WITH SECRET FIRST CIPHER KEY AND PROGRAM FOR DECODING NUMBER 'M' OF ENCIPHERED DATA.

865a

MOLD SUBSTRATES FROM ORIGINAL DISK AND BOND SUBSTRATES IN PAIRS TO MAKE ROM DISKS.

865b

RECORD, IN NON-REWRITABLE AUXILIARY RECORDING AREA (BCA) OF EACH COMPLETED DISK, DECODING DATA (DISK IDENTIFICATION DATA DIFFERENT FOR PRESSED DISKS AND/OR DECODING KEY FOR CIPHER DATA) NECESSARY TO DECODE ENCIPHERED DATA BY METHOD OF MODULATION DIFFERENT FROM THAT FOR ROM AREA.

865c

USER REPLAYS DISK AND SELECTS ENCIPHERED DATA 'n'.

865d

REPRODUCE ENCIPHERED DATA AND DECODING PROGRAM FROM ROM AREA AND READ DECODING DATA FROM AUXILIARY RECORDING AREA BY MEANS OF USER'S INFORMATION PROCESSING EQUIPMENT.

865e

IS SECOND DECODING DATA OBTAINED ON-LINE?

865f

B

A

FIG. 17

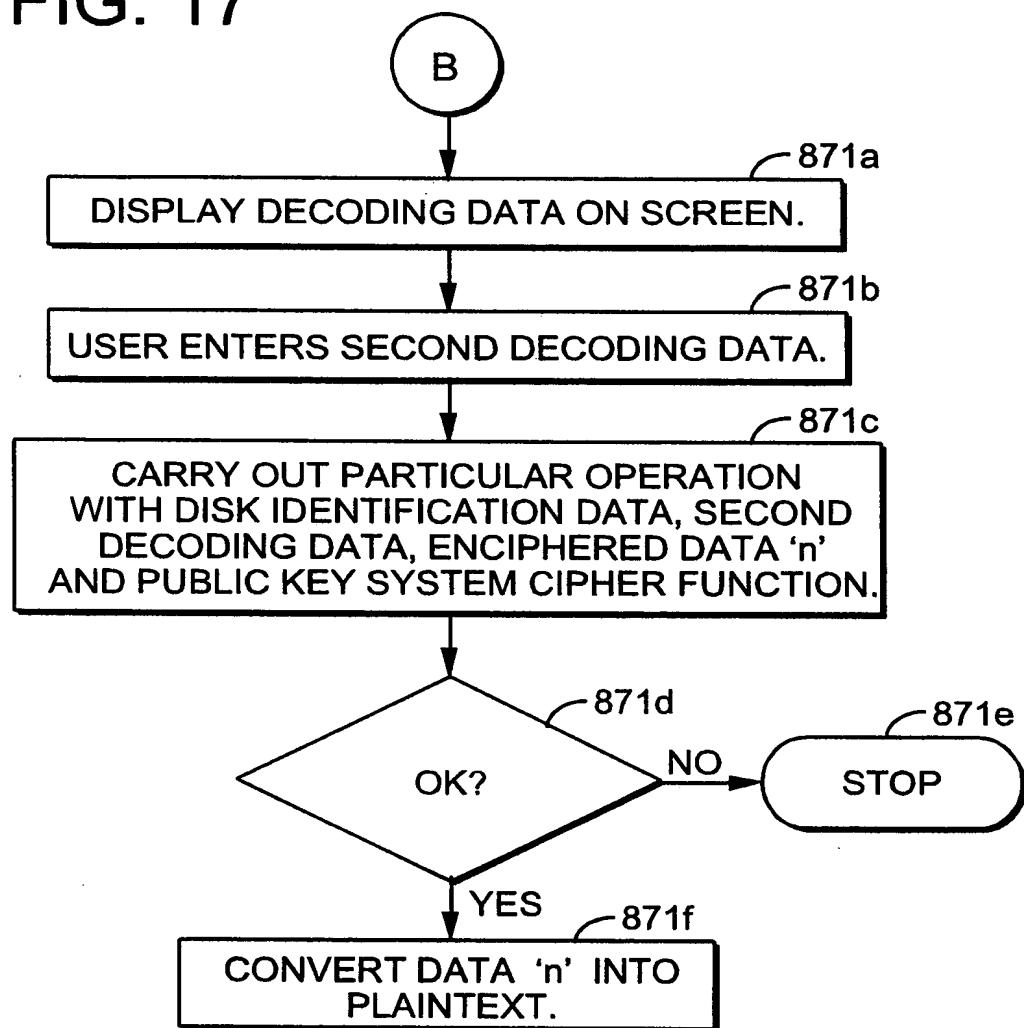


FIG. 18

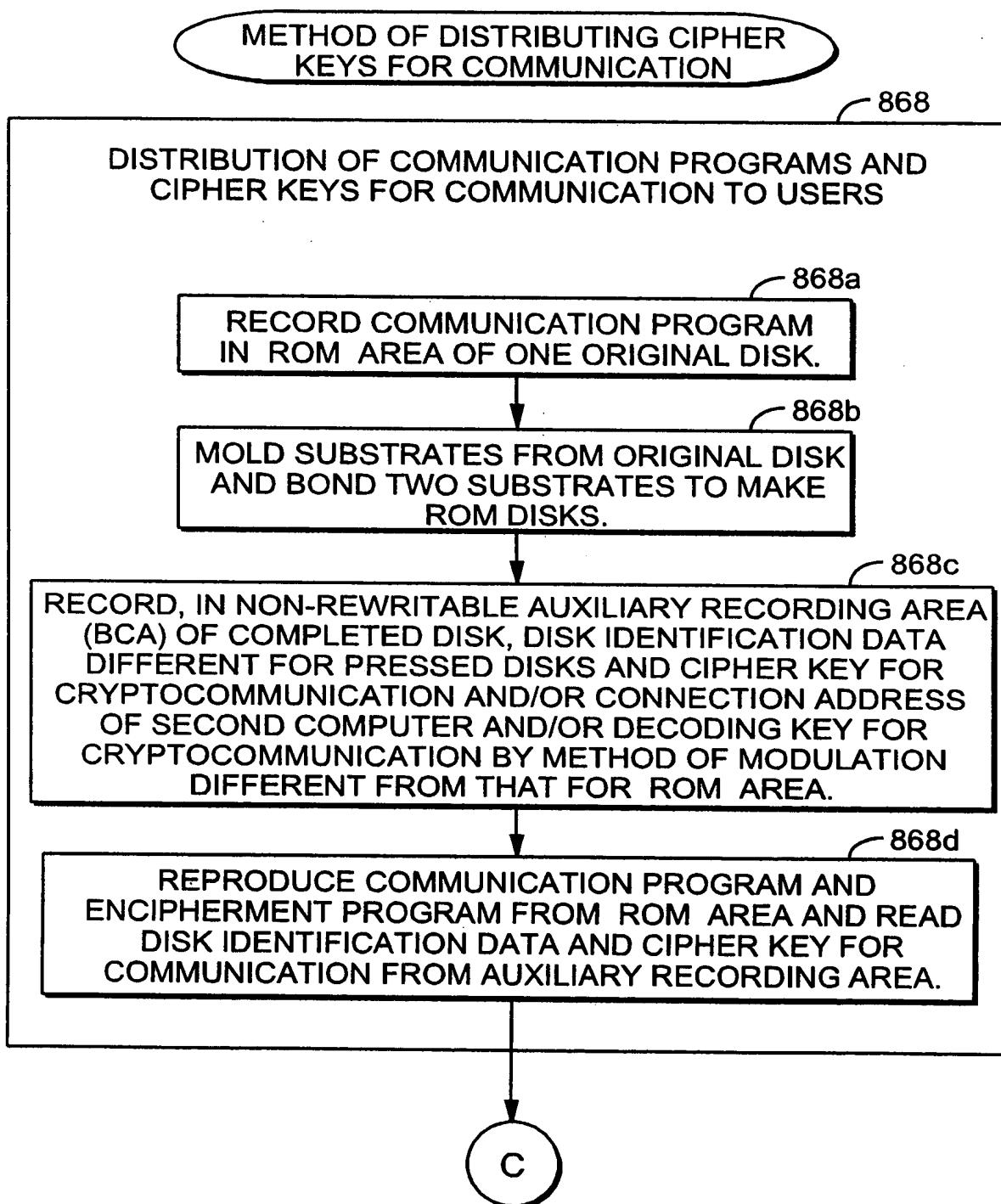
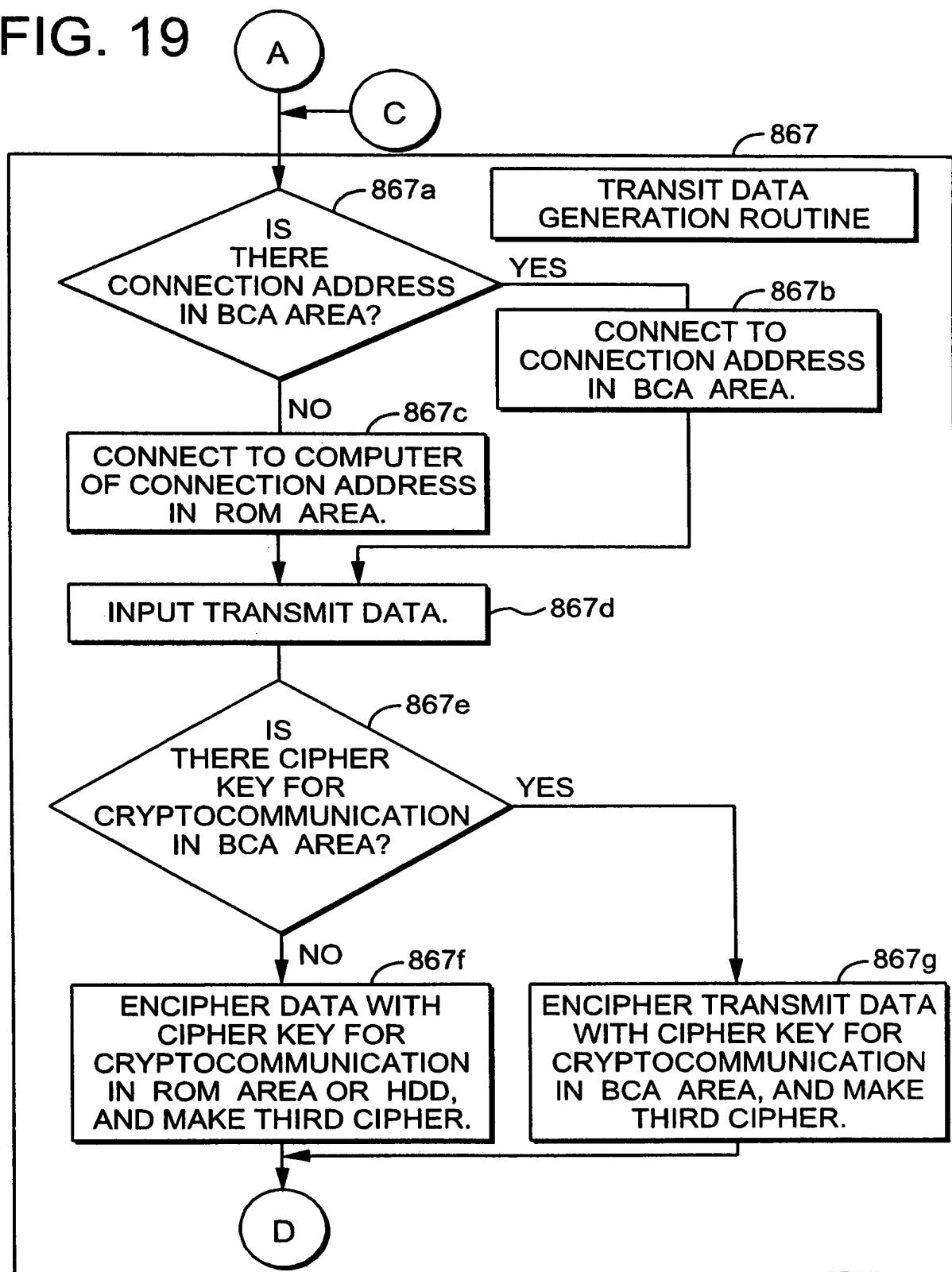
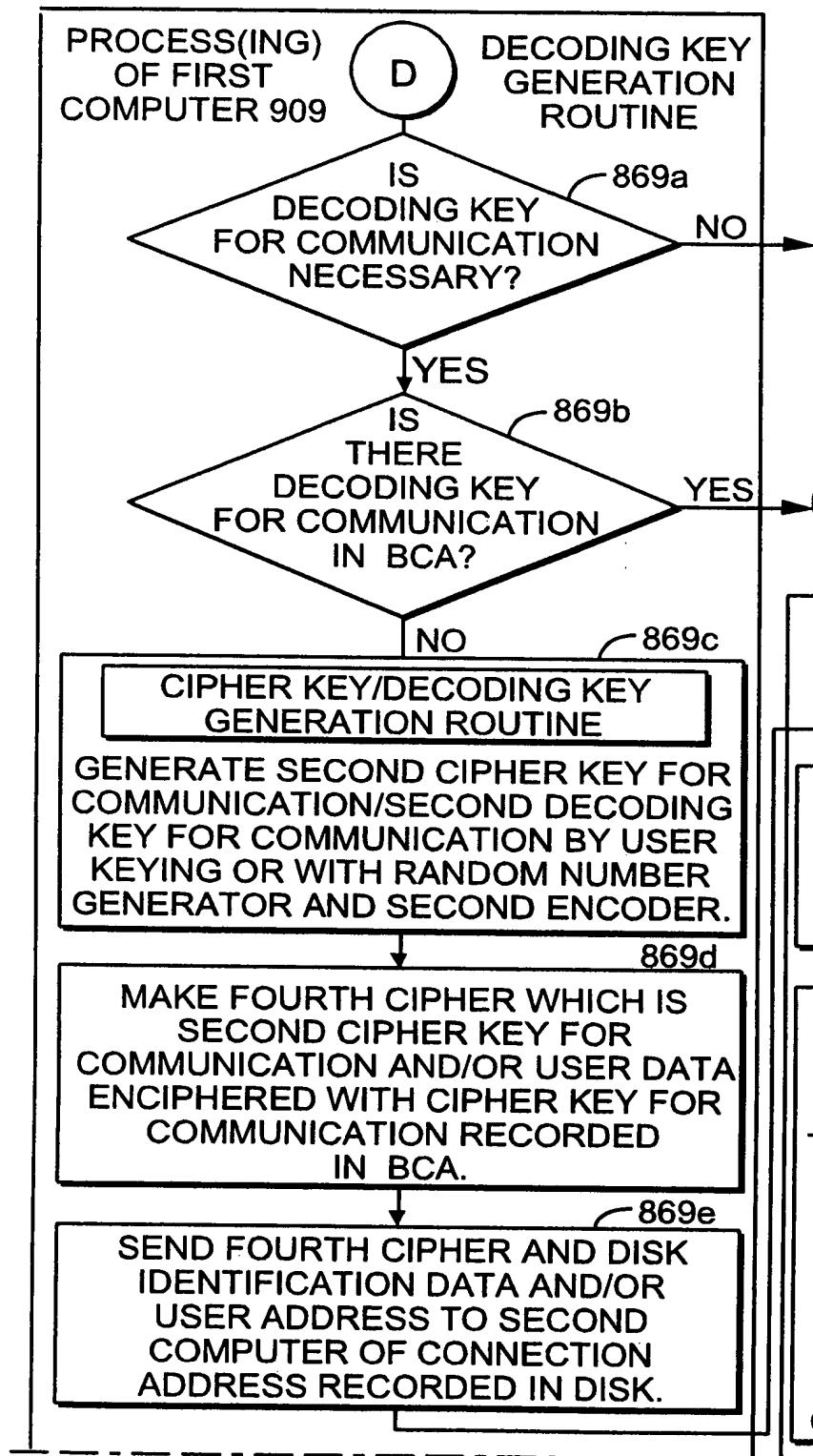


FIG. 19



**FIG. 20A**



**FIG. 20**

**FIG. 20A**

**FIG. 20B**

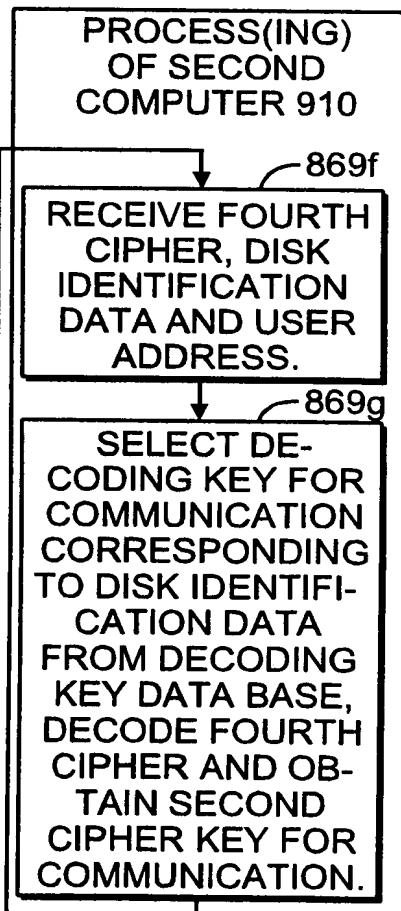
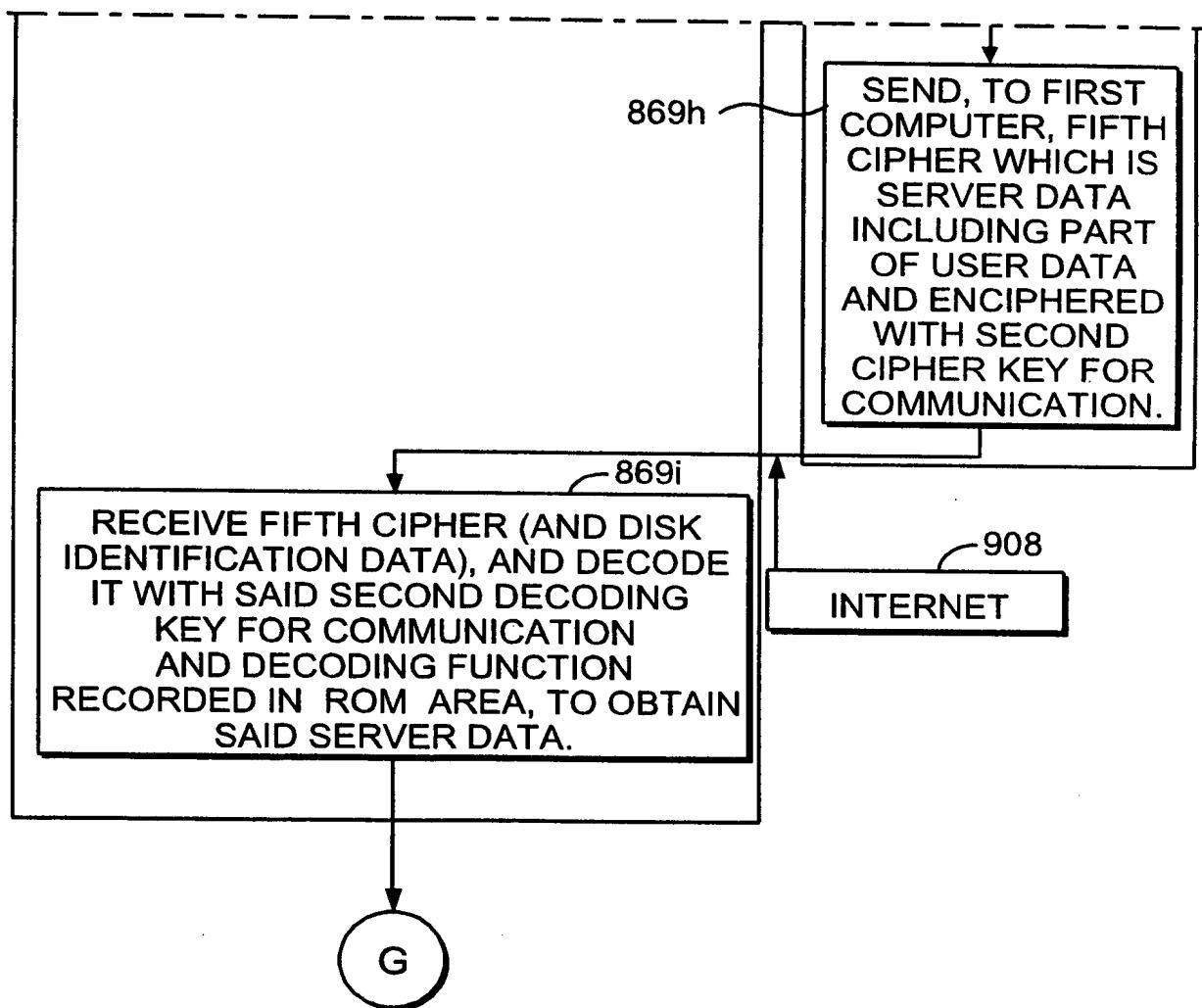
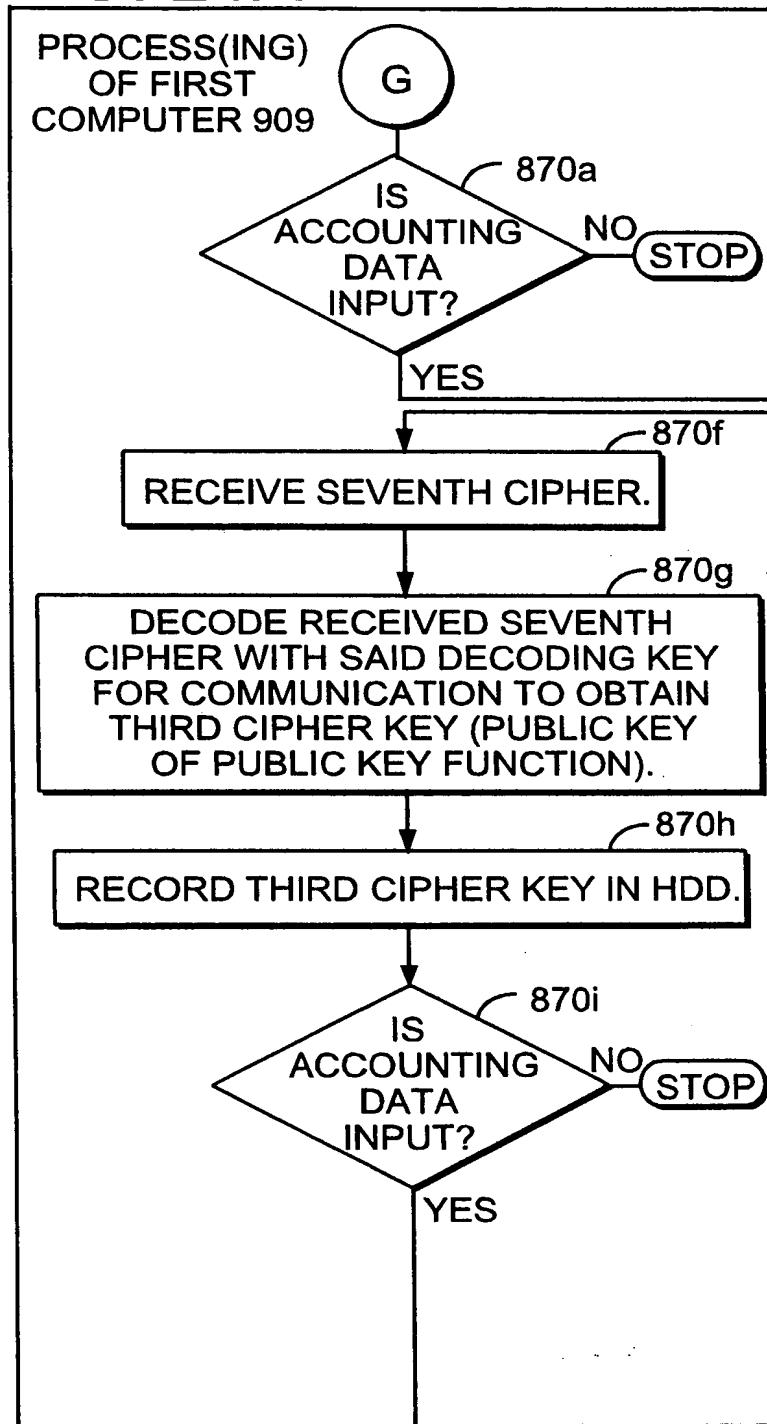


FIG. 20B



# FIG. 21A



# FIG. 21

## FIG. 21A

## FIG. 21B

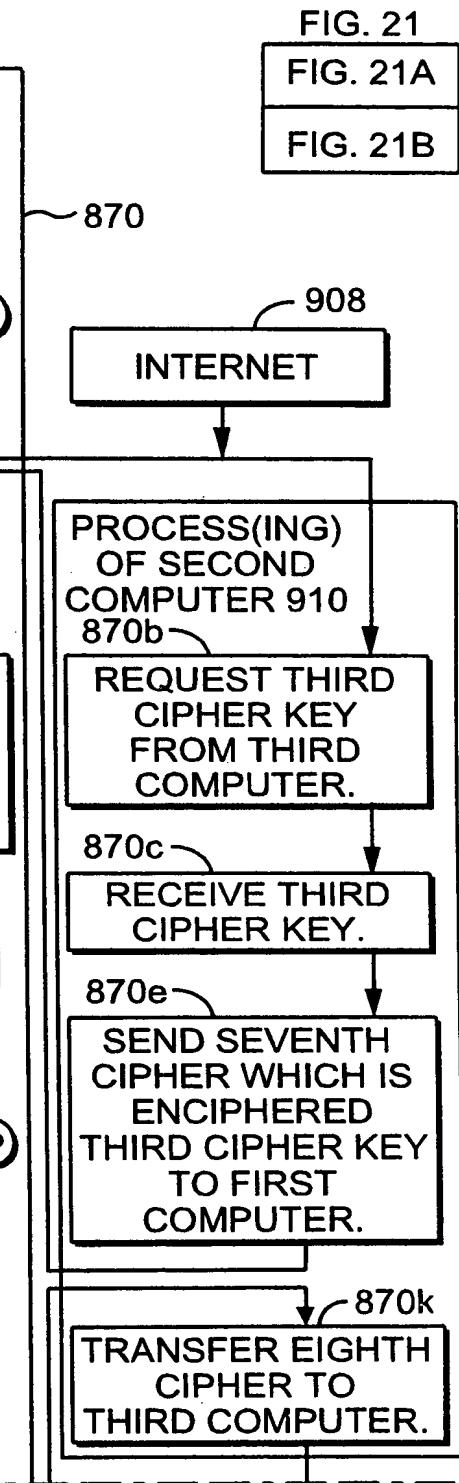
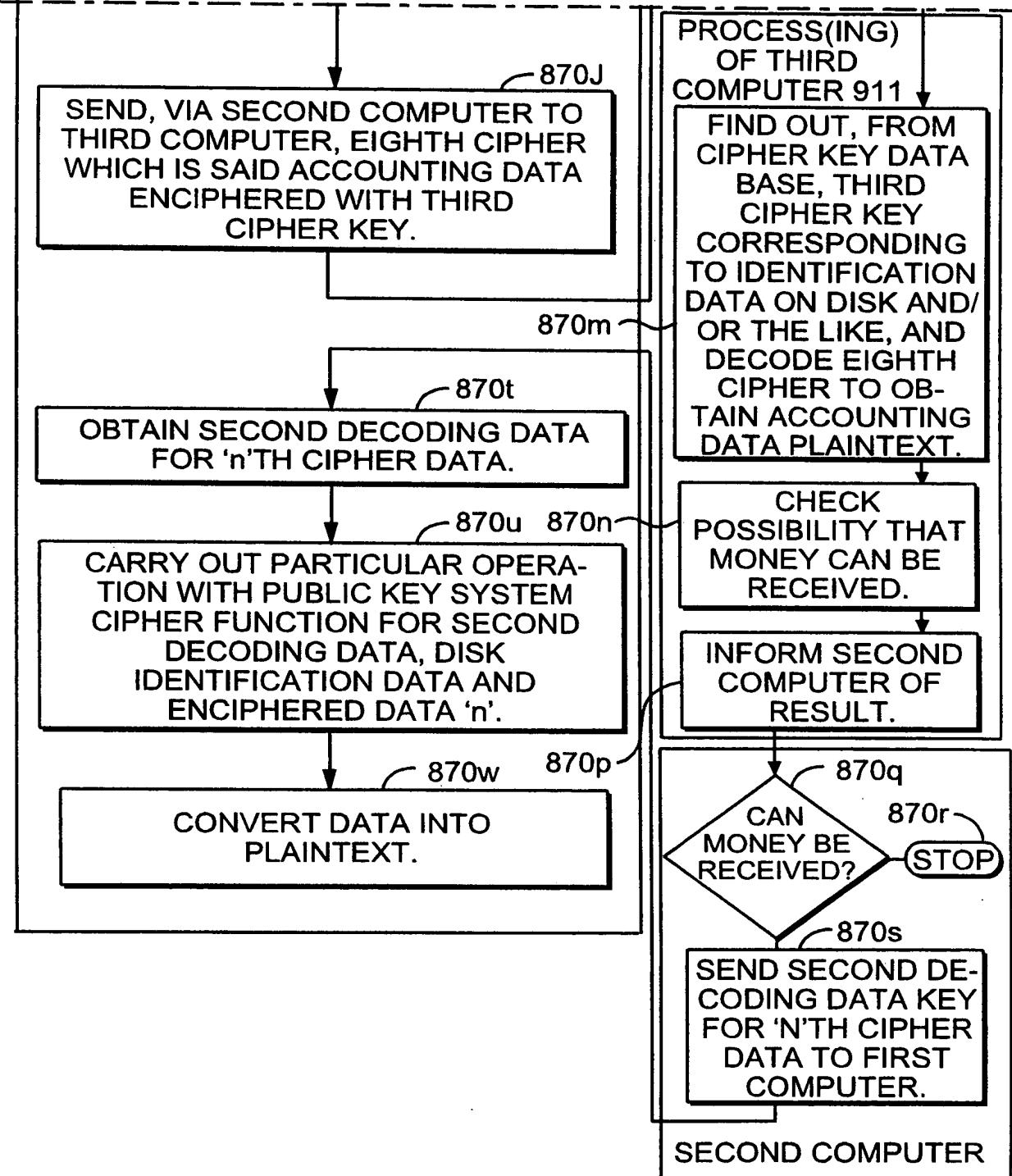
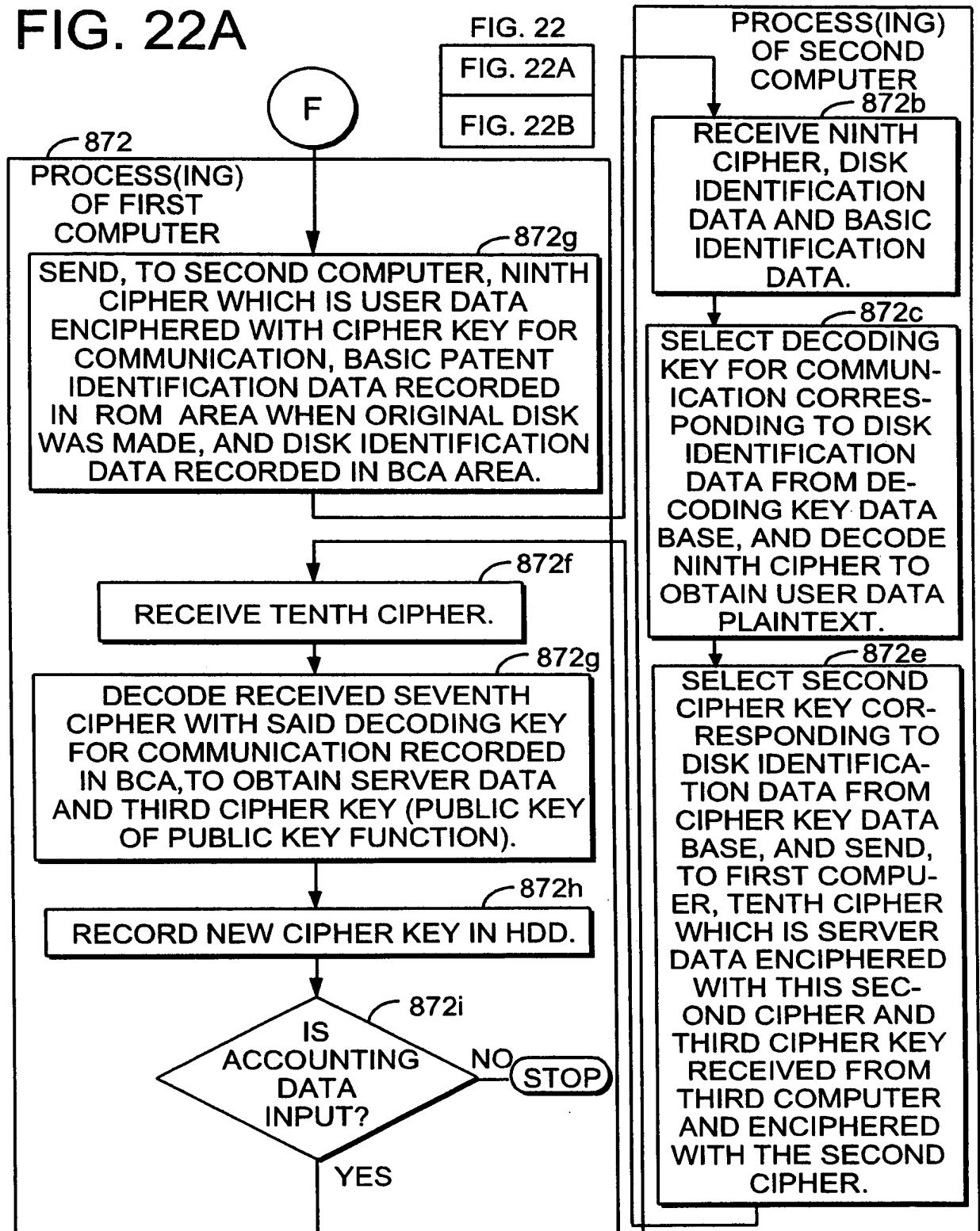


FIG. 21B



**FIG. 22A**



**FIG. 22B**

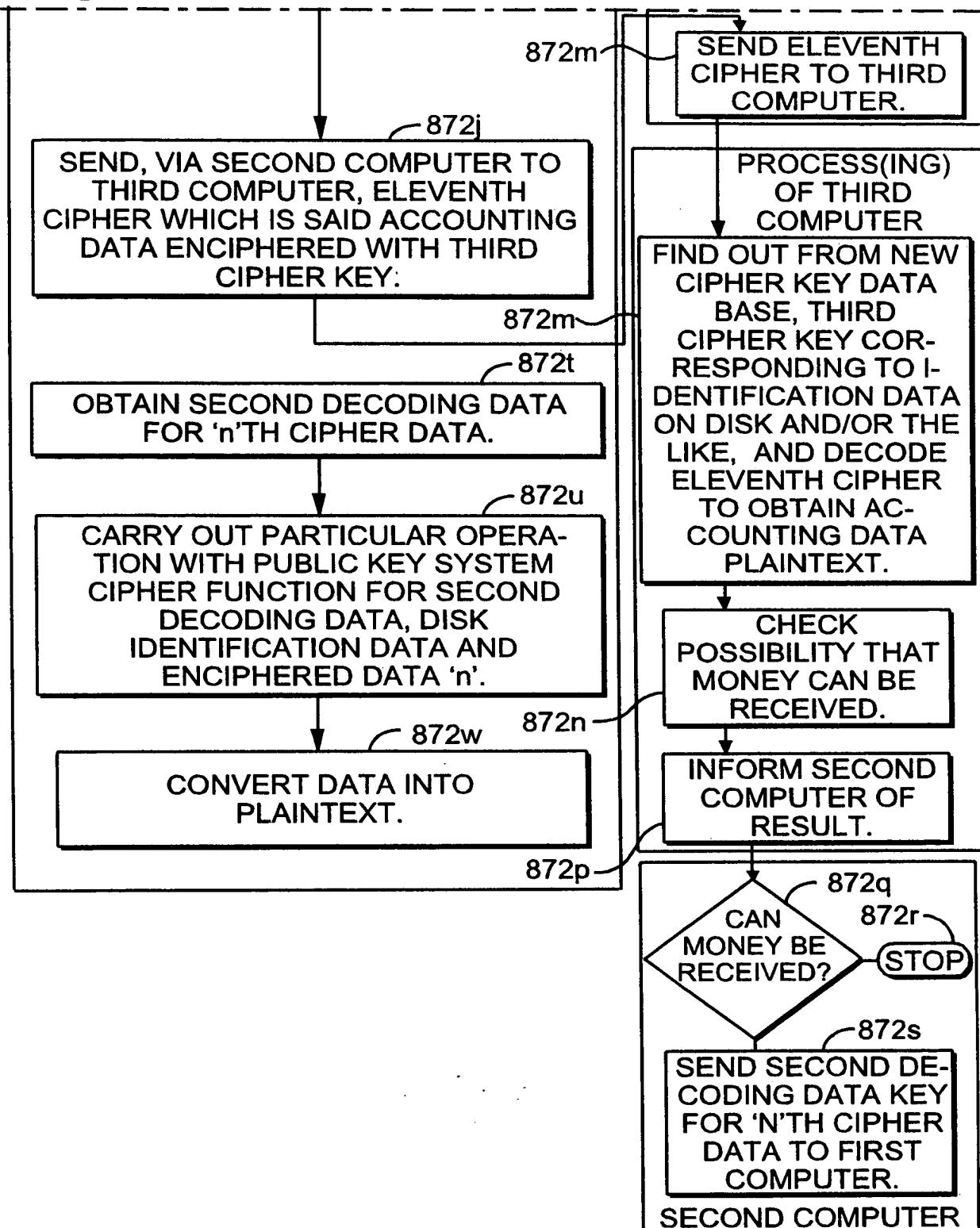


FIG. 23A

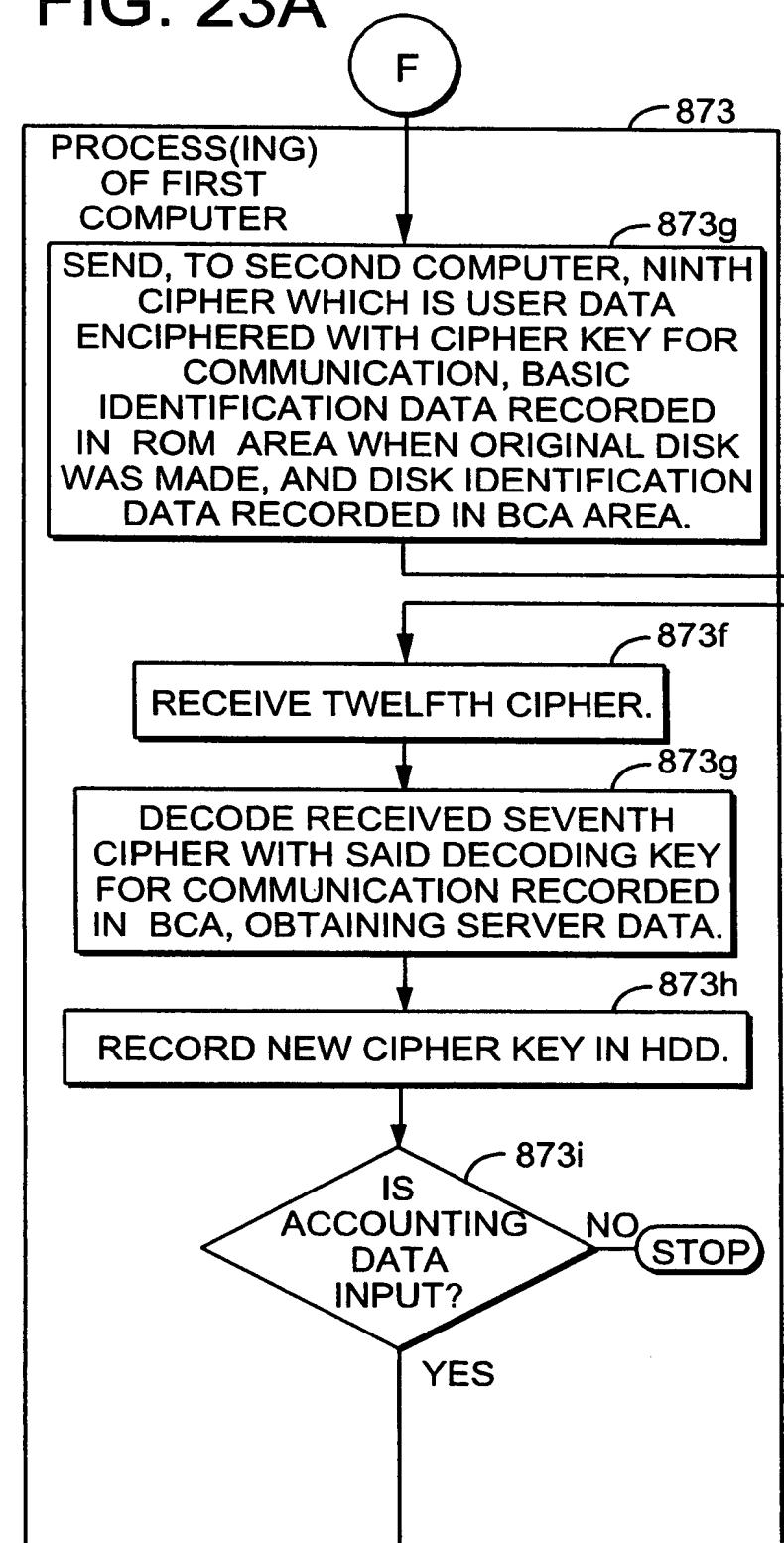
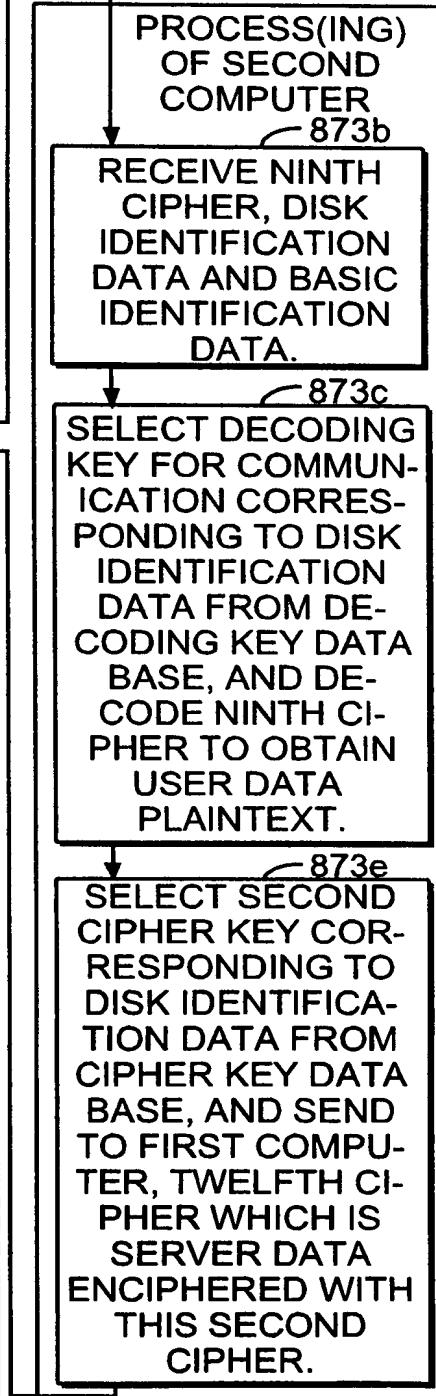


FIG. 23

FIG. 23A

FIG. 23B



**FIG. 23B**

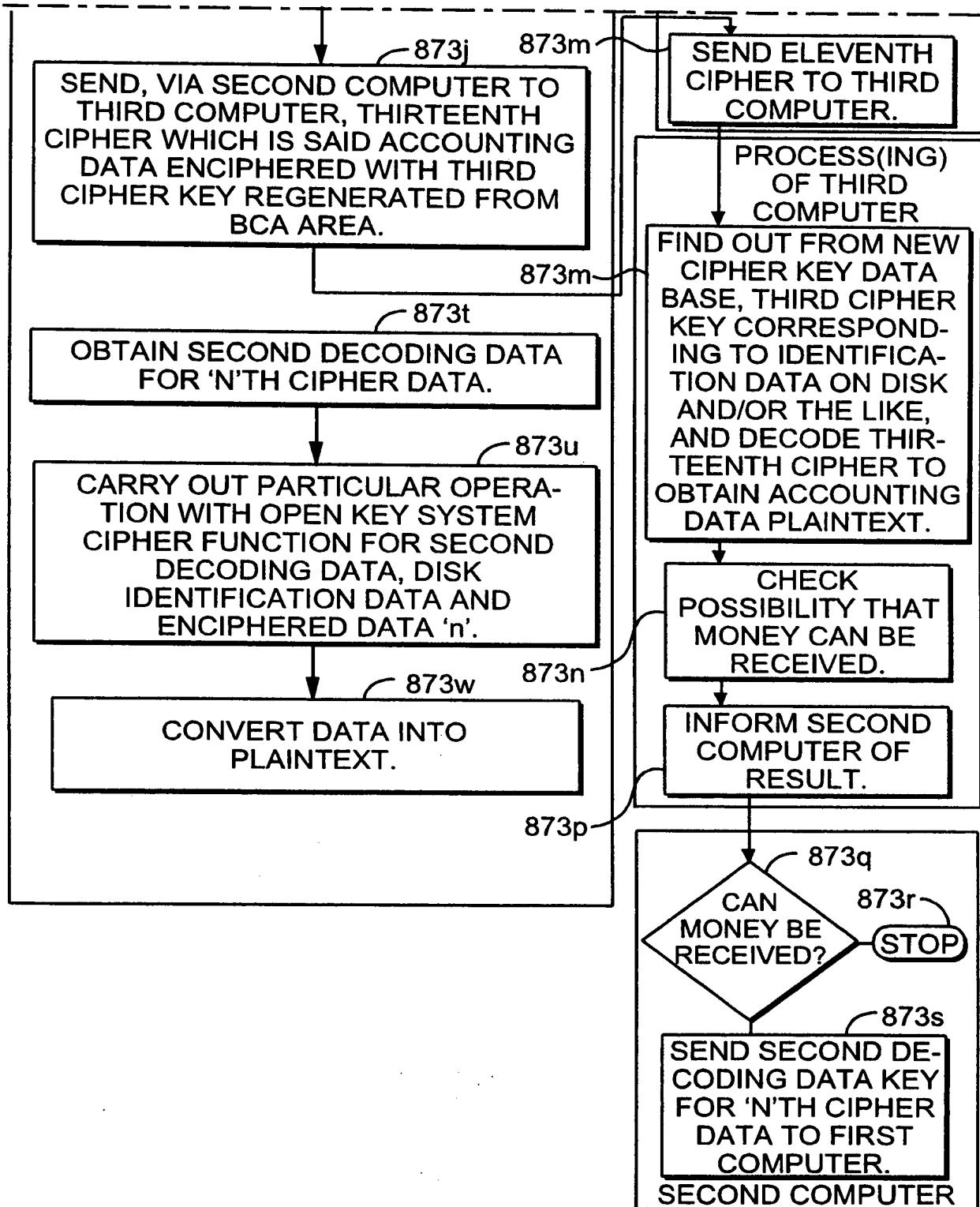


FIG. 24A

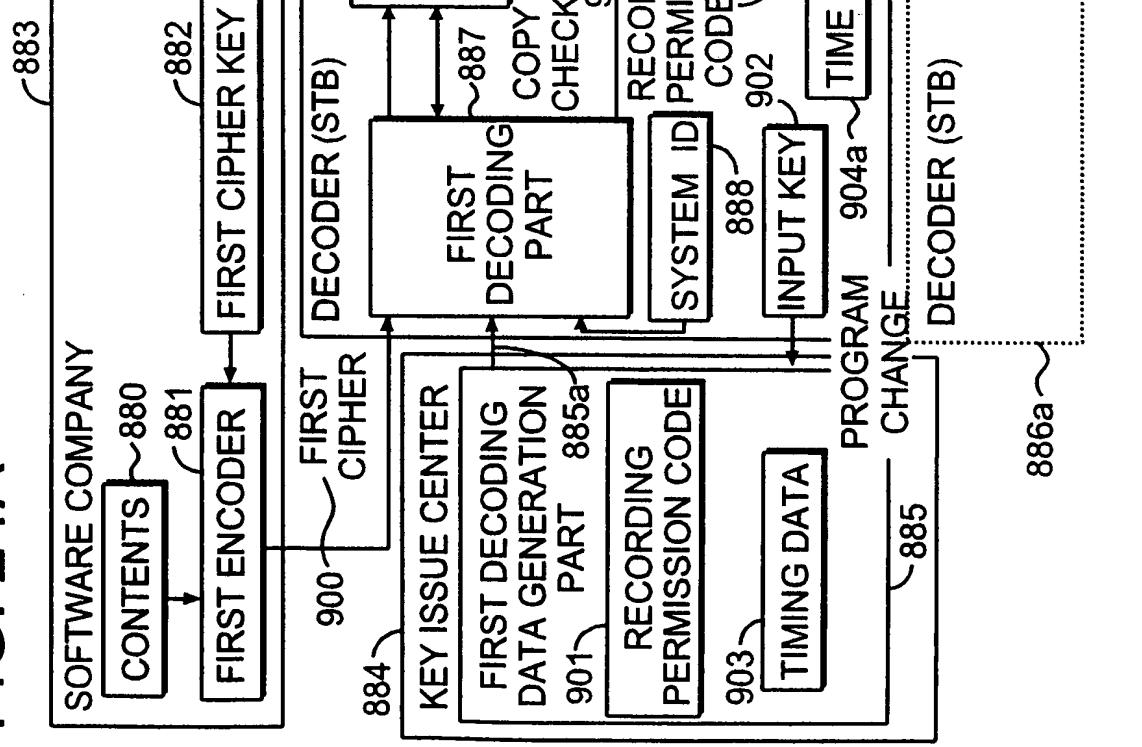


FIG. 24

FIG. 24A | FIG. 24B

FIG. 24B

